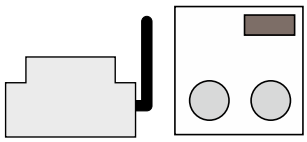
The EnOcean Driver



The EnOcean driver interfaces with a network of EnOcean self-powered wireless sensors, switches, and actuators. EnOcean devices utilize energy harvesting technology to draw energy from their surroundings – the motion of a button press, ambient light, or temperature differences. Enabling them to be used independently of an external power supply. Available for Commander and ObSys.

This document relates to EnOcean driver version 2.0

Please read the *Commander Manual* or *ObSys Manual* alongside this document, available from *www.northbt.com*

Contents

Compatibility with EnOcean System

The EnOcean driver allows North to interface with a network of EnOcean self-powered wireless sensors, switches, and actuators.

EnOcean sensor and switches utilize energy harvesting technology to draw energy from their surroundings – the motion of a button press, ambient light, or temperature differences. Enabling them to be used independently of an external power supply.

EnOcean is an international standard (ISO/IEC 14543-3-10) for wireless low-powered devices, optimized for use in buildings, as a radio range of 30m indoors is possible.

The driver connects to an RS232 EnOcean gateway using the TCM 310 chipset and supporting the ESP3 protocol (Fig. 1). Create virtual receiving and transmitting devices within the driver, then bind these to physical EnOcean devices to allow the sending and receiving of values.

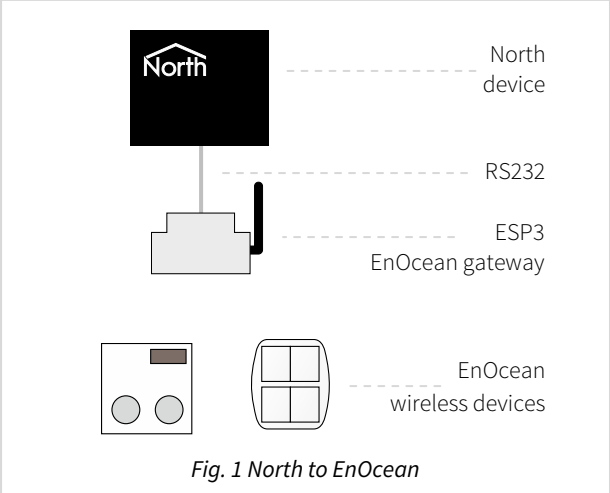


Fig. 1 North to EnOcean

Equipment

The North device connects to an EnOcean gateway with TCM 310 transceiver supporting ESP3 (EnOcean Serial Protocol 3). Gateways are available from various manufacturers, and convert the RS232 signal to the EnOcean wireless standard (868 MHz for Europe).

The driver has been successfully tested using an EnOcean gateway from Resi Informatik & Automation GmbH (*www.resi.cc*), part number: RESI-ENOCEAN-GW .

The driver supports many different manufacturers' EnOcean-enabled devices, including: Distech Controls, Kieback&Peter, MK Electric, NodOn, Omnio AG, Pressac Sensing, etc.

Values

The driver receives and stores values sent by EnOcean transmitting devices, such as switches and sensors. Values from up to 120 transmitting devices are made available as virtual input devices within the driver.

Values to up to 120 receiving devices are available as virtual output devices within the driver. The driver stores and provides values to EnOcean receiving devices, such as an actuator or controller.

The values available in an device are described by the EnOcean Equipment Profile (EEP). See *Appendix A: EEPs Supported* for a list of supported profiles.

Prerequisites

The EnOcean gateway (see *Equipment* section for specification) must be set to communicate at 57600 baud, no parity.

Various manufacturers produce EnOcean-compatible devices, which may or may not support the standardised EnOcean Equipment Profiles (EEP). If you are unsure whether particular EnOcean devices are compatible with this driver, please ask North.

EnOcean Overview

An EnOcean system is a collection of low-power radio devices that send radio telegrams between each other. Typical devices include switches, temperature sensors, relays, leak detectors, window contacts, combined temperature and setpoint controllers, and meter-pulse counters.

A Brief History

The original EnOcean devices were switches and relays. A switch sends a telegram to a relay. The energy harvested when the switch is pressed powers the transmission. The relay devices are powered, and listen for a telegram at all times. The telegrams were called Repeated Switch (RPS) telegrams, and contained an organisation code (ORG) of '05'. Linking a receiving device to a transmitting device involves putting the receiving device into link mode and then pressing the transmitting device's switch. The relay remembers the unique ID sent within the switch's telegram.

A window contact was created. This had a small photovoltaic cell for collecting power to hold in its energy store, and was able to transmit at any time. A different message type was defined that could carry up to 8 bits of data (1 byte) - called a 1BS telegram, with an ORG of '06'. A button was added to the transmitting device to force the transmission of a telegram, and this is used to link it to a receiving device.

Further devices were created, needing larger amounts of data. A new telegram was defined that carries 4 bytes of data - called a 4BS telegram, with an ORG of '07'. It also has a button for learning – the new name for linking to a receiving device. These devices have photovoltaics, and they wake-up, measure, and transmit periodically.

The number of devices that sent 4BS telegrams grew quickly, their linking became more complex. EnOcean Equipment Profiles (EEPs) were created, which defined particular features and message formats; eventually some 4BS devices started to use a special 'teach-in' message stating the EEP used by the transmitting device.

Bidirectional devices appear, built around transmitting device-receiving devices. These devices transmit data periodically, and can then listen for receive data a short time after they transmit, before returning to power-saving mode. Teach-in occurs with EEPs and learn buttons.

Further major changes occur. Organisation codes need expanding, and are renamed Radio ORGS (RORGS); they are renumbered. A more advanced serial protocol is defined, called ESP3. The smart-acknowledge concept is introduced, which is a new method for bidirectional information flow. This allowed a network device to hold values, which are transmitted to a bidirectional device after it transmits its data.

A variable-length data message is defined, and called VLD, which allows devices to transmit larger amounts of data. These new devices support a different teach-in method, called Universal Teach-in. This states the EEP used by the transmitting device, and may require a response EEP from bidirectional devices.

The EnOcean evolution is complex. New versions evolve, whilst the old is still available. There is no central test house, which makes testing devices difficult.

EnOcean Serial Protocol 3

This driver supports the EnOcean Serial Protocol version 3 (ESP3), which allows use of the newer VLD and UTE telegrams. The EnOcean TCM 310 chipset was designed specifically for manufacturing EnOcean gateways using ESP3.

The driver supports the main EnOcean telegram types:

Telegram	RORG	ORG	Typical Use	Data Size
RPS	F6	05	Switches	1 Byte
1BS	D5	06	Contacts	1 Byte
4BS	A5	07	Combination devices	4 Bytes
VLD	D2	--	Complex devices	variable
UTE	D4	--	Teach-in	--

EnOcean Equipment Profiles

Due to the range of different devices, each of the telegrams can carry a range of different values with different meanings. EnOcean have defined these different uses within EnOcean Equipment Profiles, or EEPs. The EnOcean Alliance controls creation of EEPs. A list of the currently defined EEPs is available from *www.enocean-alliance.org/eep*.

An EEP defines the telegram type to use, and layout of data within the telegram. For example, a simple temperature EEP may define: 4BS telegram, temperature carried in bits 0 to 7, value must be rescaled to the range -20.. 20.

Each EEP has its own unique identifier, which consists of three hex codes: RORG, FUNC, and TYPE. For example, a magnetic window contact has an EEP of ‘D5-00-01’, where the RORG is ‘D5’, the FUNC is ‘00’, and the TYPE is ‘01’.

The EnOcean driver emulates a range of different receiving devices and transmitting devices. Virtual receiving devices appear as inputs, because the data received appears as an input to the North system. Virtual transmitting devices appear as outputs, because the data is an output from the North system.

The driver supports most common EEPs. However, it has not been possible to test all EEPs, especially VLD devices. See *Appendix A: EEPs Supported* for more information.

If you need to test specific EnOcean equipment, or need to confirm that equipment is compatible with this driver, please contact North support.

If you need an EEP that is currently not documented, just ask North.

Teach-in

'Teach-in' refers to the process of instructing a receiving device to bind or listen to a particular transmitting device.

For typical device-to-device teach-in:

- Put the receiving device into teach-in mode by pressing the learn button on the device
- Set the transmitting device to send a 'learn' message, again by pressing a button on that device
- The receiving device hears the learn message, and remembers the transmitting device's unique identifier contained within the message, binding the two.

From then on, any messages from the transmitting device with that unique identifier are then actioned by the receiving device.

However, teach-in methods have changed as EnOcean has evolved. Some 4BS teach-in messages contain the EEP that the transmitting device uses, and so an appropriate receiving device can decode the messages correctly. Devices that support VLD telegrams also support Universal Teach-in messages (UTE) - these contain a full EEP identifier.

The EnOcean driver supports the following teach-in methods:

Telegram	Learn Method
RPS	A regular data telegram
1BS	A regular data telegram with a learn flag
4BS	A regular data telegram with a learn flag, or A special learn telegram with an EEP
VLD	A Universal Teach-in telegram with an EEP

Input Operation

The driver supports up to 120 virtual input devices that can receive information from EnOcean-enabled transmitting devices, such as switches and sensors.

A transmitting device or sensor must be bound to an input using the teach-in procedure before the sensor's values are made available to the North device. The driver uses the EnOcean Equipment Profile (EEP) to decode the sensor data into engineering values, such as temperature or humidity.

To teach-in an Input to a particular transmitting device, follow these steps:

→ Navigate to **EnOcean Setup, Input *x* Setup**

→ Set **Learn Mode** to 'On'

→ Get the transmitting device to send its 'learn' message (usually with a button). The **Learn Mode** object value should return to 'Off', the **EnOcean Equipment Profile** and **Device ID** objects should both show a non-zero value

→ If the EEP is incomplete, replace any 'xx' fields with the EEP listed in the device's technical specification.

A sensor may send information periodically, or when one of its inputs change. The virtual input holds the last telegram received from the sensor. It decodes the telegram into the values defined in the Input's associated EEP, and makes these values available.

The driver can pass some values onwards to other places: when the value changes, the driver attempts to write the new value to its **Destination Object**. If the write fails, the associated **Destination Fails** counter will be incremented.

Output Operation

The driver supports 120 virtual output devices that can transmit information to EnOcean-enabled receiving devices, such as actuators and controllers.

An output must be bound to a receiving device or actuator using the teach-in procedure before the output's values are made available to the actuator.

The driver uses the EnOcean Equipment Profile (EEP) when creating the virtual output to describe what values are available. For interoperability, set the output with a compatible EEP listed in the receiving device's specification.

💻 To teach-in an Output to a particular receiving device, follow these steps:

- → Set the **EnOcean Equipment Profile** object with an interoperable EEP supported by the receiving device
- → Enable 'learn mode' on the receiving device
- → Navigate to **EnOcean Setup, Output x Setup**, and set object **Send Learn** to 'Yes'. The driver will send the learn message to the receiving device, and the receiving device will store the Output object's unique **Device ID**

The virtual output holds values for each item specified in the associated EEP. When anything writes a new value to any of the objects of the output, the driver constructs the complete telegram and transmits it immediately on to the EnOcean wireless network.

Using the Driver

On ObSys, the EnOcean driver is pre-installed. On Commander, the driver is available to download in the file 'Bank15 EnOcean.cdm'. On all of these North devices, you can use the driver to create an interface to an EnOcean system. Once started, you will need to set up the driver before it can communicate with the EnOcean system.

Making the Cable

Connect the North device's COM port to the EnOcean gateway.

The RS232 cable specification will depend on the EnOcean gateway used. Check product documentation to determine the cable required. Typically, connect using a straight-through cable (Fig. 2).

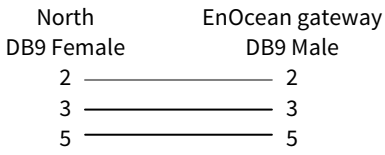


Fig. 2 COM port to EnOcean gateway

The maximum RS232 cable length is 15m and should be as short possible.

Starting the Interface

To start an interface using the EnOcean driver, follow these steps:

- → **Start Engineering** your North device using ObSys
- → Navigate to **Configuration, Interfaces,** and set an unused **Interface** to 'EnOcean' to start the particular interface
- → Navigate to the top-level of your North device and re-scan it

The driver setup object (M*c*), labelled **EnOcean Setup**, should now be available. If this object is not available, check an interface licence is available and the driver is installed.

Setting up the Driver

To set up the driver, follow these steps:

- → Navigate to the **EnOcean Setup** object (M*c*). For example, if you started interface 1 with the driver earlier, then the object reference will be 'M1'
- → Set **RS232 Com port** object (RS.COM) to select which serial port on the North device the EnOcean gateway is connected to
- → Perform the teach-in procedure to bind a transmitting device to a virtual **Input** (I*x*), making the device's values available.

Checking Communications

You can check that the interface is communicating with the EnOcean interface by reading the **EnOcean BaseID** object (BID). A non-zero value indicates the driver has communicated with the EnOcean interface.

Object Specifications

Once an interface is started, one or more extra objects become available within the top-level object of the device. As with all North objects, each of these extra objects may contain sub-objects, (and each of these may contain sub-objects, and so on) – the whole object structure being a multi-layer hierarchy. It is possible to navigate around the objects using the ObSys Engineering Software.

Each object is specified below, along with its sub-objects.

Example Object Reference

An example of a reference to an object in the same device: the EnOcean System (S1) has a transmitting device that provides input (I1), containing variable 2 (V2) – therefore the complete object reference is 'S1.I1.V2'.

An example of a reference to an object in a different North device: the IP network object (IP) contains Default Commander object (CDIP), which contains the object above (S1.I1.V2) – therefore the complete object reference is 'IP.CDIP.S1.I1.V2'.

Device Top-Level Objects

When an interface is started using the Printer driver, the objects below become available within the top-level object of the device. For example, if Interface 1 is started, then the object with references 'M1' and 'S1' become available.

Description	Reference	Type
EnOcean Setup Set up the EnOcean driver, started on interface *c* (*c* is the interface number)	M*c*	Fixed Container: On the Commander platform this will be *[CDM v20\EnOcean v20]* On the ObSys platform this will be *[OSM v20\EnOcean v20]*
EnOcean System Access values associated with EnOcean devices connected to interface *c* (*c* is the interface number)	S*c*	Variable Container: *[EnOcean v20]*

EnOcean Setup

Object Type: *[OSM v20\EnOcean v20]*
Object Type: *[CDM v20\EnOcean v20]*

The EnOcean setup contains the following objects:

Description	Reference	Type
RS232 Com Port	RS.COM	Obj\Num; Range: 0…8; Adjustable
EnOcean BaseID Unique ID of EnOcean gateway, used when sending output telegrams	BID	Obj\Text; Max chars: 8
Repeater Enabled EnOcean gateway has repeater functionality enabled	REN	Obj\ENum Values: 0=Off, 1=All, 2=Filtered
Repeater Level Repeater level of the EnOcean gateway, if enabled	RLV	Obj\ENum Values: 0=Off, 1=Level1, 2=Level2
EEP Version Supported Version of EnOcean Equipment Profiles document supported by driver	EV	Obj\Text
Input *x* Setup Set up details of virtual receiving device called Input *x*, where *x* is in the range 1..120	I*x*	Fixed container: *[EnOcean v20\In\Setup]*
Output *x* Setup Set up details of virtual transmitting device called Output *x*, where *x* is in the range 1..120	O*x*	Fixed container: *[EnOcean v20\Out\Setup]*

Input Setup

Object Type: *[EnOcean v20\In\Setup]*

Use Input Setup to create a virtual receiving device within the driver. Configure the input to bind to a particular EnOcean-enabled transmitting device, such as a wireless switch or sensor.

The driver uses the EnOcean Equipment Profile (EEP) of the transmitting device to decode the sensor data into engineering values, such as temperature or humidity. These values are made available within the corresponding input of the driver's system object.

Refer to the *EnOcean Overview* section for more information on EnOcean Equipment Profiles and the teach-in procedure.

Description	Reference	Type
Learn Mode Set 'On' to start teach-in. The driver will bind the input to the device next to send a learn message. The driver binds to the device by setting the EEP and Device ID objects.	LM	Obj\OffOn; Adjustable
EnOcean Equipment Profile The EnOcean Equipment Profile, or EEP, describes how to decode the sensor data to engineering values. The latest EnOcean devices send the full EEP during teach-in. Older devices will not, and you will need to complete 'xx' fields. Find the EEP from the device's specification. Modifying the first field of the EEP will reset the driver's configuration for this input.	P	Obj\Text; Adjustable Format: *xx-xx-xx* Example: 'A5-07-01'
Device ID Identifier of the sensor bound to this input. This will be set during teach-in, or can be set manually if necessary. '0' indicates no device is bound to the input	ID	Obj\Text; Adjustable Format: 8 hex digits
Label Label for the input. If set, used instead of 'Input x' when scanning the EnOcean System object	L	Obj\Text: 20chars; Adjustable
Output to Transmit For bi-directional devices. Set to transmit data for the specified output number when the driver receives a telegram from this device. For example, an HVAC actuator (EEP A5-20-01) transmits its current temperature to the input, then expects to receive the temperature setpoint from an output.	OT	Obj\Num: 0, 1..120
Signal Strength (dBm) Signal strength of last received telegram, in dBm	DB	Obj\Num: -200…0

Output Setup

Object Type: *[EnOcean v20\Out\Setup]*

Use Output Setup to create a virtual transmitting device within the driver. Configure the output to bind to a particular EnOcean-enabled receiving device, such as a wireless actuator or controller. When any of the output's values change, the driver will transmit data.

The driver uses the EnOcean Equipment Profile (EEP) specified when creating the virtual transmitting device. The profile describes what values are available, such as a button state, and how they are encoded.

Refer to the receiving device's specification for interoperable products (listed as EEPs) that it supports.

Depending on the EEP, outputs may contain complex multiple values – such as button states, last button pressed, energy bow. To control an actuator, you may need to provide additional functionality from ObVerse Processor in the North device.

Refer to the *EnOcean Overview* section for more information on EnOcean Equipment Profiles and the teach-in procedure.

Description	Reference	Type
EnOcean Equipment Profile The EnOcean Equipment Profile, or EEP, describes the virtual transmitting device to create. Find an interoperable EEP from the receiving device's specification. Modifying the first field of the EEP will reset the driver's configuration for this output.	P	Obj\Text; Adjustable Format: *xx-xx-xx* Example: 'F6-02-01'
Device ID Identifier of this output. This is based on the BaseID of the EnOcean gateway	ID	Obj\Text Format: 8 hex digits
Label Label for the output. If set, used instead of 'Output x' when scanning the EnOcean System object	L	Obj\Text: 20 chars; Adjustable
Send Learn Set 'Yes' to send a learn message as part of the teach-in procedure, when binding to a receiving device. Use after pressing the device's learn button	LM	Obj\NoYes; Adjustable

EnOcean System

Object Type: *[EnOcean v20\System]*

This object contains sub-objects, each of which represents a defined input or output.

Description	Reference	Type
Input x An Input device *x* corresponding to a remote transmitting device, where *x* is in the range 1..120	I*x*	Various fixed-container objects of the format: EnOcean v20\In\xx-xx-xx
Output x An output device *x* corresponding to a remote receiving device, where *x* is in the range 1..120	O*x*	Various fixed-container objects of the format: EnOcean v20\Out\xx-xx-xx

Input Device F6-xx-xx

Object Type: *[EnOcean v20\In\F6-xx-xx]*

This input device sent an RPS telegram during learn-in, but requires the full EEP to be set in the *Input Setup* object.

Until the EEP is known, only raw data is available. See *Appendix B: Offset-Size-Decode Values* for more information on decoding the raw value.

Description	Reference	Type
Label Label to use as name for the remote device. The engineering tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Data Raw data from the device	O0S8	Obj\Num: 0…255

Input Device F6-02-01

Object Type: *[EnOcean v20\In\F6-02-01]*

This object receives data from a device that supports EEP F6-02-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The engineering tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Last Button Pressed Last Button pressed, where button numbering is as EnOcean standard	V1	Obj\Num; Range 0..3
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Button A State On/Off state of Button A – calculated from Last button pressed	V2	Obj\OffOn
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Button B State On/Off state of Button B – calculated from Last button pressed	V3	Obj\OffOn
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Button Pressed Current button pressed	V4	Obj\Num; Range 0..3
Energy Bow Whether button is pressed or released	V5	Obj\ENum; Range 0..1, where 0=Released, 1=Pressed
2nd Action Button	V6	Obj\Num; Range 0..3
2nd Action Valid	V7	Obj\NoYes

Input Device F6-02-02

Object Type: *[EnOcean v20\In\F6-02-02]*

This object receives data from a device that supports EEP F6-02-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Last Button Pressed Last Button pressed, where button numbering is as EnOcean standard	V1	Obj\Num; Range 0..3
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Button A State On/Off state of Button A – calculated from Last button pressed	V2	Obj\OffOn
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Button B State On/Off state of Button B – calculated from Last button pressed	V3	Obj\OffOn
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Button Pressed Current button pressed	V4	Obj\Num; Range 0..3
Energy Bow Whether button is pressed or released	V5	Obj\ENum; Range 0..1, where 0=Released, 1=Pressed
2nd Action Button	V6	Obj\Num; Range 0..3
2nd Action Valid	V7	Obj\NoYes

Input Device F6-02-03

Object Type: *[EnOcean v20\In\F6-02-03]*

This object receives data from a device that supports EEP F6-02-03. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The engineering tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Last Button Pressed Last Button pressed, where button numbering is as EnOcean standard	V1	Obj\Num; Range 0..3
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device F6-02-04

Object Type: *[EnOcean v20\In\F6-02-04]*

This object receives data from a device that supports EEP F6-02-04. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The engineering tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Rocker B I Pressed Indicates whether Rocker B I has been pressed	V1	Obj\NoYes
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Rocker B O Pressed Indicates whether Rocker B O has been pressed	V2	Obj\NoYes
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Rocker A I Pressed Indicates whether Rocker A I has been pressed	V3	Obj\NoYes
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Rocker A O Pressed Indicates whether Rocker A I has been pressed	V4	Obj\NoYes
Destination Object Object to write value of V4 when the incoming value changes	D4	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V4	F4	Obj\Num; Range 0..9
Energy Bow Whether button is pressed or released	V5	Obj\ENum; Range 0..1, where 0=Released, 1=Pressed

Input Device F6-03-01

Object Type: *[EnOcean v20\In\F6-03-01]*

This object receives data from a device that supports EEP F6-03-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Button A State Whether Button A was last turned on or off	V1	Obj\OffOn
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Button B State Whether Button B was last turned on or off	V1	Obj\OffOn
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Button C State On/Off state of Button C – calculated from Last button pressed	V3	Obj\OffOn
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Button D State On/Off state of Button D – calculated from Last button pressed	V4	Obj\OffOn
Destination Object Object to write value of V4 when the incoming value changes	D4	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V4	F4	Obj\Num; Range 0..9
Last Button Pressed Button number of last button pressed	V5	Obj\Num; Range 0..7
Energy Bow Whether button is pressed or released	V6	Obj\ENum; Range 0..1, where 0=Released, 1=Pressed

Input Device F6-03-02

Object Type: *[EnOcean v20\In\F6-03-02]*

This object receives data from a device that supports EEP F6-03-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Button A State Whether Button A was last turned on or off	V1	Obj\OffOn
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Button B State Whether Button B was last turned on or off	V1	Obj\OffOn
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Button C State On/Off state of Button C – calculated from Last button pressed	V3	Obj\OffOn
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Button D State On/Off state of Button D – calculated from Last button pressed	V4	Obj\OffOn
Destination Object Object to write value of V4 when the incoming value changes	D4	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V4	F4	Obj\Num; Range 0..9
Last Button Pressed Button number of last button pressed	V5	Obj\Num; Range 0..7
Energy Bow Whether button is pressed or released	V6	Obj\ENum; Range 0..1, where 0=Released, 1=Pressed

Input Device F6-04-01

Object Type: *[EnOcean v20\In\F6-04-01]*

This object receives data from a device that supports EEP F6-04-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Key Card Whether a key card has been inserted	V1	Obj\Num;
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device F6-04-02

Object Type: *[EnOcean v20\In\F6-04-01]*

This object receives data from a device that supports EEP F6-04-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Energy Box State	V1	Obj\Num
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Button Coding	V2	Obj\Num
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
State of Card	V3	Obj\Num
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9

Input Device F6-05-01

Object Type: *[EnOcean v20\In\F6-05-01]*

This object receives data from a device that supports EEP F6-05-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Water Sensor Whether water has been sensed	V1	Obj\Num
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device F6-10-00

Object Type: *[EnOcean v20\In\F6-10-00]*

This object receives data from a device that supports EEP F6-10-00. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Window Handle The position of the window handle	V1	Obj\Num
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device F6-10-01

Object Type: *[EnOcean v20\In\F6-10-01]*

This object receives data from a device that supports EEP F6-10-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Window Handle The position of the window handle	V1	Obj\Num
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device D5-xx-xx

Object Type: *[EnOcean v20\In\F6-xx-xx]*

This input device sent an 1BS telegram during learn-in, but requires the full EEP to be set in the *Input Setup* object.

Until the EEP is known, only raw data is available. See *Appendix B: Offset-Size-Decode Values* for more information on decoding the raw value.

Description	Reference	Type
Label Label to use as name for the remote device. The engineering tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Data Raw data from the device	O0S8	Obj\Num: 0…255

Input Device D5-00-01

Object Type: *[EnOcean v20\In\D5-00-01]*

This object receives data from a device that supports EEP D5-00-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Contact Closed Whether the contact is currently closed	V1	Obj\NoYes
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-xx-xx

Object Type: *[EnOcean v20\In\F6-xx-xx]*

This input device sent an 4BS telegram during learn-in, but requires the full EEP to be set in the *Input Setup* object.

Until the EEP is known, only raw data is available. See *Appendix B: Offset-Size-Decode Values* for more information on decoding the raw value.

Description	Reference	Type
Label Label to use as name for the remote device. The engineering tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Data Byte 3 Raw data from the device	O0S8	Obj\Num: 0…255
Data Byte 2 Raw data from the device	O8S8	Obj\Num: 0…255
Data Byte 1 Raw data from the device	O16S8	Obj\Num: 0…255
Data Byte 0 Raw data from the device	O24S8	Obj\Num: 0…255

Input Device A5-02-01

Object Type: *[EnOcean v20\In\A5-02-01]*

This object receives data from a device that supports EEP A5-02-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: -40..0; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-02

Object Type: *[EnOcean v20\In\A5-02-02]*

This object receives data from a device that supports EEP A5-02-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: -30..10; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-03

Object Type: *[EnOcean v20\In\A5-02-03]*

This object receives data from a device that supports EEP A5-02-03. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: -20..20; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-04

Object Type: *[EnOcean v20\In\A5-02-04]*

This object receives data from a device that supports EEP A5-02-04. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: -10..30; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-05

Object Type: *[EnOcean v20\In\A5-02-05]*

This object receives data from a device that supports EEP A5-02-05. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: 0..40; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-06

Object Type: *[EnOcean v20\In\A5-02-06]*

This object receives data from a device that supports EEP A5-02-06. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: 10..50; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-07

Object Type: *[EnOcean v20\In\A5-02-07]*

This object receives data from a device that supports EEP A5-02-07. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: 20..60; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-08

Object Type: *[EnOcean v20\In\A5-02-08]*

This object receives data from a device that supports EEP A5-02-08. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: 30..70; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-09

Object Type: *[EnOcean v20\In\A5-02-09]*

This object receives data from a device that supports EEP A5-02-09. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: 40..80; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-0A

Object Type: *[EnOcean v20\In\A5-02-0A]*

This object receives data from a device that supports EEP A5-02-0A. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: 50..90; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-0B

Object Type: *[EnOcean v20\In\A5-02-0B]*

This object receives data from a device that supports EEP A5-02-0B. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: 60..100; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-10

Object Type: *[EnOcean v20\In\A5-02-10]*

This object receives data from a device that supports EEP A5-02-10. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: -60..20; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-11

Object Type: *[EnOcean v20\In\A5-02-11]*

This object receives data from a device that supports EEP A5-02-11. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: -50..30; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-12

Object Type: *[EnOcean v20\In\A5-02-12]*

This object receives data from a device that supports EEP A5-02-12. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: -40..40; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-13

Object Type: *[EnOcean v20\In\A5-02-13]*

This object receives data from a device that supports EEP A5-02-13. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: -30..50; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-14

Object Type: *[EnOcean v20\In\A5-02-14]*

This object receives data from a device that supports EEP A5-02-14. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: -20..60; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-15

Object Type: *[EnOcean v20\In\A5-02-15]*

This object receives data from a device that supports EEP A5-02-15. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: -10..70; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-16

Object Type: *[EnOcean v20\In\A5-02-16]*

This object receives data from a device that supports EEP A5-02-16. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: 0..80; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-17

Object Type: *[EnOcean v20\In\A5-02-17]*

This object receives data from a device that supports EEP A5-02-17. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: 10..90; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-18

Object Type: *[EnOcean v20\In\A5-02-18]*

This object receives data from a device that supports EEP A5-02-18. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: 20..100; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-19

Object Type: *[EnOcean v20\In\A5-02-19]*

This object receives data from a device that supports EEP A5-02-19. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: 30..110; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-1A

Object Type: *[EnOcean v20\In\A5-02-1A]*

This object receives data from a device that supports EEP A5-02-1A. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: 40..120; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-1B

Object Type: *[EnOcean v20\In\A5-02-1B]*

This object receives data from a device that supports EEP A5-02-1B. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: 50..130; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-20

Object Type: *[EnOcean v20\In\A5-02-20]*

This object receives data from a device that supports EEP A5-02-20. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: -10..41.2; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-02-30

Object Type: *[EnOcean v20\In\A5-02-30]*

This object receives data from a device that supports EEP A5-02-30. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature Current temperature value	V1	Obj\Float; Range: -40..62.3; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-04-01

Object Type: *[EnOcean v20\In\A5-04-01]*

This object receives data from a device that supports EEP A5-04-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Humidity Current humidity value	V1	Obj\Float; Range: 0..100; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Temperature Current temperature value	V2	Obj\Float; Range: 0..40; Decimal places: 1
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9

Input Device A5-04-02

Object Type: *[EnOcean v20\In\A5-04-02]*

This object receives data from a device that supports EEP A5-04-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Humidity Current humidity value	V1	Obj\Float; Range: 0..100; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Temperature Current temperature value	V2	Obj\Float; Range: -20..60; Decimal places: 1
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9

Input Device A5-04-03

Object Type: *[EnOcean v20\In\A5-04-03]*

This object receives data from a device that supports EEP A5-04-03. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Humidity Current humidity value	V1	Obj\Float; Range: 0..100; Decimal places: 1
Destination Object Object to write value of V2 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-05-01

Object Type: *[EnOcean v20\In\A5-05-01]*

This object receives data from a device that supports EEP A5-05-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Barometer (hPa) Current barometer pressure value	V1	Obj\Float; Range: 500..1150; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-06-01

Object Type: *[EnOcean v20\In\A5-06-01]*

This object receives data from a device that supports EEP A5-06-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Supply Voltage Current voltage reading	V1	Obj\Float; Range: 0..5; Decimal places: 2
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Illumination (lx) Current illumination level	V2	Obj\Num; Range: 300..30000
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Illumination (lx) Current illumination level	V3	Obj\Num; Range: 600..60000
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Value to Use	V4	Obj\ENum; Range 0..1 where 0=Use V2, 1=Use V3

Input Device A5-06-02

Object Type: *[EnOcean v20\In\A5-06-02]*

This object receives data from a device that supports EEP A5-06-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Supply Voltage Current voltage reading	V1	Obj\Float; Range: 0..5; Decimal places: 2
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Illumination (lx) Current illumination level	V2	Obj\Num; Range: 300..30000
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Illumination (lx) Current illumination level	V3	Obj\Num; Range: 600..60000
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Value to Use	V4	Obj\ENum; Range 0..1 where 0=Use V2, 1=Use V3

Input Device A5-06-03

Object Type: *[EnOcean v20\In\A5-06-03]*

This object receives data from a device that supports EEP A5-06-03. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Supply Voltage Current voltage reading	V1	Obj\Float; Range: 0..5; Decimal places: 2
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Illumination (lx) Current illumination level	V2	Obj\Num; Range: 0..512
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Temperature	V3	Obj\Float; Range: 0..51; Dps: 1
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
PIR Motion Detected	V4	

Input Device A5-07-01

Object Type: *[EnOcean v20\In\A5-07-01]*

This object receives data from a device that supports EEP A5-07-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Supply Voltage Supply voltage reading	V1	Obj\Float; Range: 0..5; Decimal places: 2
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
PIR Level The current PIR reading	V2	Obj\Num; Range: 0..255
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Supply Voltage Available Whether the Supply Voltage reading is valid	V3	Obj\NoYes

Input Device A5-07-02

Object Type: *[EnOcean v20\In\A5-07-02]*

This object receives data from a device that supports EEP A5-07-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Supply Voltage Supply voltage reading	V1	Obj\Float; Range: 0..5; Decimal places: 2
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Motion Detected Whether motion has been detected bu the sensor	V2	Obj\Num; Range: 0..255
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9

Input Device A5-07-03

Object Type: *[EnOcean v20\In\A5-07-03]*

This object receives data from a device that supports EEP A5-07-03. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Supply Voltage Supply voltage reading	V1	Obj\Float; Range: 0..5; Decimal places: 2
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Illumination (lx) Current illumination level	V2	Obj\Num; Range: 0..1000
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Motion Detected Whether motion has been detected	V3	Obj\NoYes
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9

Input Device A5-08-01

Object Type: *[EnOcean v20\In\A5-08-01]*

This object receives data from a device that supports EEP A5-08-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Supply Voltage Supply voltage reading	V1	Obj\Float; Range: 0..5.1; Decimal places: 2
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Illumination (lx) Current illumination level	V2	Obj\Num; Range: 0..512
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Temperature Temperature reading from sensor	V3	Obj\Num; Range: 0..51
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
PIR Status Current PIR Reading	V4	Obj\Num; Range: 0..1
Occupancy Button Current button status	V5	Obj\Num; Range: 0.. 1

Input Device A5-08-02

Object Type: *[EnOcean v20\In\A5-08-02]*

This object receives data from a device that supports EEP A5-08-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Supply Voltage Supply voltage reading	V1	Obj\Float; Range: 0..5.1; Decimal places: 2
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Illumination (lx) Current illumination level	V2	Obj\Num; Range: 0..1020
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Temperature Temperature reading from sensor	V3	Obj\Num; Range: 0..51
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
PIR Status Current PIR Reading	V4	Obj\Num; Range: 0..1
Occupancy Button Current button status	V5	Obj\Num; Range: 0.. 1

Input Device A5-08-03

Object Type: *[EnOcean v20\In\A5-08-03]*

This object receives data from a device that supports EEP A5-08-03. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Supply Voltage Supply voltage reading	V1	Obj\Float; Range: 0..5.1; Decimal places: 2
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Illumination (lx) Current illumination level	V2	Obj\Num; Range: 0..1530
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Temperature Temperature reading from sensor	V3	Obj\Num; Range: 0..51
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
PIR Status Current PIR Reading	V4	Obj\Num; Range: 0..1
Occupancy Button Current button status	V5	Obj\Num; Range: 0.. 1

Input Device A5-09-02

Object Type: *[EnOcean v20\In\A5-09-02]*

This object receives data from a device that supports EEP A5-09-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Supply Voltage Supply voltage reading	V1	Obj\Float; Range: 0..5.1; Decimal places: 2
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Concentration (ppm) Current concentration level	V2	Obj\Num; Range: 0..1020
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Temperature Temperature reading from sensor	V3	Obj\Num; Range: 0..51
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Temperature Sensor Available	V4	Obj\NoYes

Input Device A5-09-04

Object Type: *[EnOcean v20\In\A5-09-04]*

This object receives data from a device that supports EEP A5-09-04. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Relative Humidity Humidity reading	V1	Obj\Float; Range: 0..100; Decimal places: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
CO2 Concentration Current concentration level	V2	Obj\Num; Range: 0..2550
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Temperature Temperature reading from sensor	V3	Obj\Num; Range: 0..51; Decimal places: 1
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Humidity Sensor Available Humidity sensor available	V4	Obj\NoYes;
Temperature Sensor Available	V5	Obj\NoYes

Input Device A5-09-05

Object Type: *[EnOcean v20\In\A5-09-05]*

This object receives data from a device that supports EEP A5-09-05. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
VOC Concentration Volatile Organic Compound concentration level	V1	Obj\Num; Range: 0..65535
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
VOC Id Identifier code for VOC sensed	V2	Obj\Num; Range: 0..255
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Scale Multiplier Scale of VOC Concentration reading	V3	Obj\Num; Range: 0..3

Input Device A5-09-06

Object Type: *[EnOcean v20\In\A5-09-06]*

This object receives data from a device that supports EEP A5-09-06. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Radon Activity Radon activity reading	V1	Obj\Float; Range: 0..1023
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-09-07

Object Type: *[EnOcean v20\In\A5-09-07]*

This object receives data from a device that supports EEP A5-09-07. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Particles 10 Particles 10 reading	V1	Obj\Num; Range: 0..511
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Particles 2.5 Particles 2.5 reading	V2	Obj\Num; Range: 0..511
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Particles 1 Particles 1 reading	V3	Obj\Num; Range: 0..511
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Particle 10 Active Particle sensor available	V4	Obj\Num; Range: 0..1
Particle 2.5 Active Particle sensor available	V5	Obj\Num; Range: 0..1
Particle 1 Active Particle sensor available	V6	Obj\Num; Range: 0..1

Input Device A5-09-08

Object Type: *[EnOcean v20\In\A5-09-08]*

This object receives data from a device that supports EEP A5-09-08. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
CO2 Measurement CO2 reading	V1	Obj\Num; Range: 0..2000
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-09-09

Object Type: *[EnOcean v20\In\A5-09-09]*

This object receives data from a device that supports EEP A5-09-09. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
CO2 Measurement CO2 reading	V1	Obj\Num; Range: 0..2000
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Power Failure Detected	V2	Obj\NoYes
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9

Input Device A5-09-0A

Object Type: *[EnOcean v20\In\A5-09-0A]*

This object receives data from a device that supports EEP A5-09-0A. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Hydrogen Gas Concentration	V1	Obj\Num; Range: 0..65535
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Temperature	V2	Obj\Float; Range: -20..60; 1 decimal
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Supply Voltage	V3	Obj\Float; Range: 2..5; 2 dps
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Temp Sensor Supported	V4	Obj\NoYes
Supply Voltage Supported	V5	Obj\NoYes

Input Device A5-09-0B

Object Type: *[EnOcean v20\In\A5-09-0B]*

This object receives data from a device that supports EEP A5-09-0B. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Radioactivity	V1	Obj\Num; Range: 0..65535
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Scale Multiplier	V2	Obj\ENum; Range: 0..8 where 0=0.001, 1=0.01, 2=0.1, 3=1, 4=10, 5=100, 6=1000, 7=10000, 8=100000
Radiation Units	V3	Obj\ENum; Range: 0..3 where 0=uSv/h, 1=cpm, 2=Bq/L, 3=Bq/kg
Supply Voltage Available	V4	Obj\NoYes

Input Device A5-10-01

Object Type: *[EnOcean v20\In\A5-10-01]*

This object receives data from a device that supports EEP A5-10-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Turn Switch for Fan Speed	V1	Obj\Num; Range: 0..255 where 0..144=Stage 3, 145..164=Stage 2, 165..189=Stage 1, 190..209=Stage 0, 210..255=Stage Auto
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Setpoint	V2	Obj\Float Range: 0..255, where 0=Min, 255=Max
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Temperature	V3	Obj\Float; Range: 0.. 40 ; Decimals: 1
Occupancy Button Released	V4	Obj\NoYes

Input Device A5-10-02

Object Type: *[EnOcean v20\In\A5-10-02]*

This object receives data from a device that supports EEP A5-10-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Turn Switch for Fan Speed	V1	Obj\Num; Range: 0..255 where 0..144=Stage 3, 145..164=Stage 2, 165..189=Stage 1, 190..209=Stage 0, 210..255=Stage Auto
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Setpoint	V2	Obj\Float Range: 0..255, where 0=Min, 255=Max
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Temperature	V3	Obj\Float; Range: 0.. 40 ; Decimals: 1
Slide Switch Day/On	V4	Obj\NoYes

Input Device A5-10-03

Object Type: *[EnOcean v20\In\A5-10-03]*

This object receives data from a device that supports EEP A5-10-03. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Setpoint	V1	Obj\Float Range: 0..255, where 0=Min, 255=Max
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Temperature	V2	Obj\Float; Range: 0.. 40 ; Decimals: 1

Input Device A5-10-04

Object Type: *[EnOcean v20\In\A5-10-04]*

This object receives data from a device that supports EEP A5-10-04. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Turn Switch for Fan Speed	V1	Obj\Num; Range: 0..255 where 0..144=Stage 3, 145..164=Stage 2, 165..189=Stage 1, 190..209=Stage 0, 210..255=Stage Auto
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Setpoint	V2	Obj\Float Range: 0..255, where 0=Min, 255=Max
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Temperature	V3	Obj\Float; Range: 0.. 40 ; Decimals: 1

Input Device A5-10-05

Object Type: *[EnOcean v20\In\A5-10-05]*

This object receives data from a device that supports EEP A5-10-05. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Setpoint	V1	Obj\Float Range: 0..255, where 0=Min, 255=Max
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F1	Obj\Num; Range 0..9
Temperature	V2	Obj\Float; Range: 0.. 40 ; Decimals: 1
Occupancy Button Released	V3	Obj\NoYes

Input Device A5-10-06

Object Type: *[EnOcean v20\In\A5-10-06]*

This object receives data from a device that supports EEP A5-10-06. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Setpoint	V1	Obj\Float Range: 0..255, where 0=Min, 255=Max
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Temperature	V2	Obj\Float; Range: 0.. 40 ; Decimals: 1
Slide Switch Day/On	V3	Obj\NoYes

Input Device A5-10-07

Object Type: *[EnOcean v20\In\A5-10-07]*

This object receives data from a device that supports EEP A5-10-07. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Turn Switch for Fan Speed	V1	Obj\Num; Range: 0..255 where 0..144=Stage 3, 145..164=Stage 2, 165..189=Stage 1, 190..209=Stage 0, 210..255=Stage Auto
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Temperature	V2	Obj\Float; Range: 0.. 40 ; Decimals: 1

Input Device A5-10-08

Object Type: *[EnOcean v20\In\A5-10-08]*

This object receives data from a device that supports EEP A5-10-08. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Turn Switch for Fan Speed	V1	Obj\Num; Range: 0..255 where 0..144=Stage 3, 145..164=Stage 2, 165..189=Stage 1, 190..209=Stage 0, 210..255=Stage Auto
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Temperature	V2	Obj\Float; Range: 0.. 40 ; Decimals: 1
Occupancy Button Released	V3	Obj\NoYes

Input Device A5-10-09

Object Type: *[EnOcean v20\In\A5-10-02]*

This object receives data from a device that supports EEP A5-10-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Turn Switch for Fan Speed	V1	Obj\Num; Range: 0..255 where 0..144=Stage 3, 145..164=Stage 2, 165..189=Stage 1, 190..209=Stage 0, 210..255=Stage Auto
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Temperature	V2	Obj\Float; Range: 0.. 40 ; Decimals: 1
Slide Switch Day/On	V3	Obj\NoYes

Input Device A5-10-0A

Object Type: *[EnOcean v20\In\A5-10-0A]*

This object receives data from a device that supports EEP A5-10-0A. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Setpoint	V1	Obj\Float Range: 0..255, where 0=Min, 255=Max
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Temperature	V2	Obj\Float; Range: 0.. 40 ; Decimals: 1
Contact Open	V3	Obj\NoYes

Input Device A5-10-0B

Object Type: *[EnOcean v20\In\A5-10-0B]*

This object receives data from a device that supports EEP A5-10-0B. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature	V1	Obj\Float; Range: 0.. 40 ; Decimals: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Contact Open	V3	Obj\NoYes

Input Device A5-10-0C

Object Type: *[EnOcean v20\In\A5-10-0C]*

This object receives data from a device that supports EEP A5-10-0C. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature	V1	Obj\Float; Range: 0.. 40 ; Decimals: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Occupancy Button Released	V2	Obj\NoYes

Input Device A5-10-0D

Object Type: *[EnOcean v20\In\A5-10-0D]*

This object receives data from a device that supports EEP A5-10-0D. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature	V1	Obj\Float; Range: 0.. 40 ; Decimals: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Slide Switch Day/On	V2	Obj\NoYes

Input Device A5-10-10

Object Type: *[EnOcean v20\In\A5-10-10]*

This object receives data from a device that supports EEP A5-10-10. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Setpoint	V1	Obj\Float Range: 0..255, where 0=Min, 255=Max
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Humidity	V2	Obj\Float Range: 0..100
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Temperature	V3	Obj\Float; Range: 0.. 40 ; Decimals: 1
Occupancy Button Released	V4	Obj\NoYes

Input Device A5-10-11

Object Type: *[EnOcean v20\In\A5-10-02]*

This object receives data from a device that supports EEP A5-10-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Setpoint	V1	Obj\Float Range: 0..255, where 0=Min, 255=Max
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Humidity	V2	Obj\Float Range: 0..100
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Temperature	V3	Obj\Float; Range: 0.. 40 ; Decimals: 1
Slide Switch Day/On	V4	Obj\NoYes

Input Device A5-10-12

Object Type: *[EnOcean v20\In\A5-10-12]*

This object receives data from a device that supports EEP A5-10-12. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Setpoint	V1	Obj\Float Range: 0..255, where 0=Min, 255=Max
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Humidity	V2	Obj\Float Range: 0..100
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Temperature	V3	Obj\Float; Range: 0.. 40 ; Decimals: 1
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9

Input Device A5-10-13

Object Type: *[EnOcean v20\In\A5-10-13]*

This object receives data from a device that supports EEP A5-10-13. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Humidity	V1	Obj\Float Range: 0..100
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Temperature	V2	Obj\Float; Range: 0.. 40 ; Decimals: 1
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Occupancy Pressed	V3	Obj\NoYes

Input Device A5-10-14

Object Type: *[EnOcean v20\In\A5-10-14]*

This object receives data from a device that supports EEP A5-10-14. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Humidity	V1	Obj\Float Range: 0..100
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Temperature	V2	Obj\Float; Range: 0.. 40 ; Decimals: 1
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Slide Switch	V3	Obj\OffOn

Input Device A5-10-15

Object Type: *[EnOcean v20\In\A5-10-15]*

This object receives data from a device that supports EEP A5-10-15. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Setpoint	V1	Obj\Float Range: 0..255, where 0=Min, 255=Max
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Temperature	V2	Obj\Float; Range: 0.. 40 ; Decimals: 1
Destination Object Object to write value of V1 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9

Input Device A5-10-16

Object Type: *[EnOcean v20\In\A5-10-16]*

This object receives data from a device that supports EEP A5-10-16. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Setpoint	V1	Obj\Float Range: 0..255, where 0=Min, 255=Max
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Temperature	V2	Obj\Float; Range: 0.. 40 ; Decimals: 1
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Occupancy Switch	V3	Obj\OffOn

Input Device A5-10-17

Object Type: *[EnOcean v20\In\A5-10-17]*

This object receives data from a device that supports EEP A5-10-17. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature	V1	Obj\Float; Range: -10.. 41.2 ; Decimals: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Occupancy Pressed	V2	Obj\NoYes

Input Device A5-10-18

Object Type: *[EnOcean v20\In\A5-10-18]*

This object receives data from a device that supports EEP A5-10-18. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Illumination (lx)	V1	Obj\Float; Range: 0..1000
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Setpoint	V2	Obj\Float Range: 0..255, where 0=Min, 255=Max
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Temperature	V3	Obj\Float; Range: 0.. 40 ; Decimals: 1
Destination Object Object to write value of V1 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Occupancy Enabled	V4	Obj\NoYes
Occupancy Pressed	V5	Obj\NoYes

Input Device A5-10-19

Object Type: *[EnOcean v20\In\A5-10-19]*

This object receives data from a device that supports EEP A5-10-19. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Humidity	V1	Obj\Float; Range: 0..100
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Setpoint	V2	Obj\Float; Range: 0..40; Decimals: 1
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Temperature	V3	Obj\Float; Range: 0.. 40 ; Decimals: 1
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Fan Speed	V4	Obj\Num; Range: 0..7
Occupancy Pressed	V5	Obj\NoYes
Occupancy Enabled	V6	Obj\NoYes

Input Device A5-10-1A

Object Type: *[EnOcean v20\In\A5-10-1A]*

This object receives data from a device that supports EEP A5-10-1A. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Supply Voltage	V1	Obj\Float; Range: 0.. 5; Decimals: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Setpoint	V2	Obj\Float; Range: 0.. 40 ; Decimals: 1
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Temperature	V3	Obj\Float; Range: 0.. 40; Decimals: 1
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Fan Speed	V4	Obj\Num; Range: 0..7
Occupancy Enabled	V5	Obj\NoYes
Occupancy Pressed	V6	Obj\NoYes

Input Device A5-10-1B

Object Type: *[EnOcean v20\In\A5-10-1B]*

This object receives data from a device that supports EEP A5-10-1B. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Supply Voltage	V1	Obj\Float; Range: 0.. 5; Decimals: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Illumination (lx)	V2	Obj\Float; Range: 0..1000 ; Decimals: 1
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Temperature	V3	Obj\Float; Range: 0.. 40; Decimals: 1
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Fan Speed	V4	Obj\Num; Range: 0..7
Occupancy Enabled	V5	Obj\NoYes
Occupancy Pressed	V6	Obj\NoYes

Input Device A5-10-1C

Object Type: *[EnOcean v20\In\A5-10-1C]*

This object receives data from a device that supports EEP A5-10-1C. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Illumination (lx)	V1	Obj\Num; Range: 0.. 1000
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Illumination Setpoint (lx)	V2	Obj\Float; Range: 0..1000 ; Decimals: 1
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails	F2	Obj\Num; Range 0..9
Temperature	V3	Obj\Float; Range: 0.. 40; Decimals: 1
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F3	Obj\Num; Range 0..9
Fan Speed	V4	Obj\Num; Range: 0..7
Occupancy Enabled	V5	Obj\NoYes
Occupancy Pressed	V6	Obj\NoYes

Input Device A5-10-1D

Object Type: *[EnOcean v20\In\A5-10-1D]*

This object receives data from a device that supports EEP A5-10-1D. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Humidity	V1	Obj\Num; Range: 0.. 100
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Humidity Setpoint	V2	Obj\Float; Range: 0..100
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Temperature	V3	Obj\Float; Range: 0.. 40; Decimals: 1
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Fan Speed	V4	Obj\Num; Range: 0..7
Occupancy Enabled	V5	Obj\NoYes
Occupancy Pressed	V6	Obj\NoYes

Input Device A5-10-1E

Object Type: *[EnOcean v20\In\A5-10-1E]*

This object receives data from a device that supports EEP A5-10-1E. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Supply Voltage	V1	Obj\Float; Range: 0.. 5; Decimals: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Illumination (lx)	V2	Obj\Float; Range: 0..1000 ; Decimals: 1
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Temperature	V3	Obj\Float; Range: 0.. 40; Decimals: 1
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Fan Speed	V4	Obj\Num; Range: 0..7
Occupancy Enabled	V5	Obj\NoYes
Occupancy Pressed	V6	Obj\NoYes

Input Device A5-10-1F

Object Type: *[EnOcean v20\In\A5-10-1F]*

This object receives data from a device that supports EEP A5-10-1F. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Turn Switch for Fan	V1	Obj\Num; Range: 0..255
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Setpoint	V2	Obj\Float; Range: 0..255
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Temperature	V3	Obj\Float; Range: 0.. 40; Decimals: 1
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Temp Present	V4	Obj\NoYes
Setpoint Present	V5	Obj\NoYes
Fan Speed Present	V6	Obj\NoYes
Unoccupancy Released	V7	Obj\NoYes
Occupancy Released	V8	Obj\NoYes

Input Device A5-10-20

Object Type: *[EnOcean v20\In\A5-10-20]*

This object receives data from a device that supports EEP A5-10-20. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Setpoint	V1	Obj\Num; Range: 0..255
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Temperature	V2	Obj\Float; Range: 0..40
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Setpoint Mode	V3	Obj\Num; Range: 0.. 3
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Battery Low	V4	Obj\NoYes
User Activity	V5	Obj\NoYes

Input Device A5-10-21

Object Type: *[EnOcean v20\In\A5-10-21]*

This object receives data from a device that supports EEP A5-10-21. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Setpoint	V1	Obj\Num; Range: 0..255
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Humidity	V2	Obj\Float; Range: 0..40
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Temperature	V3	Obj\Float; Range: 0..40
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Setpoint Mode	V4	Obj\Num; Range: 0.. 3
Battery Low	V5	Obj\NoYes
User Activity	V6	Obj\NoYes

Input Device A5-11-01

Object Type: *[EnOcean v20\In\A5-11-01]*

This object receives data from a device that supports EEP A5-11-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Illumination	V1	Obj\Num; Range: 0..510
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Illumination Setpoint	V2	Obj\Float; Range: 0..255
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Dimming Output	V3	Obj\Float; Range: 0..255
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Repeater Enable	V4	Obj\NoYes
Power Relay Enabled	V5	Obj\NoYes
Daylight Harvest Enable	V6	Obj\NoYes
Dimming Enabled	V7	Obj\NoYes
Magnet Contact Closed	V8	Obj\NoYes
Occupied	V9	Obj\NoYes
Power Relay On	V10	Obj\NoYes

Input Device A5-11-02

Object Type: *[EnOcean v20\In\A5-11-02]*

This object receives data from a device that supports EEP A5-11-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Control Variable	V1	Obj\Num; Range: 0..100
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Fan Stage	V2	Obj\Float; Range: 0..255
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Actual Setpoint	V3	Obj\Float; Range: 0..51.2
Alarm Occurred	V4	Obj\NoYes
Controller Mode	V5	Obj\Num; Range: 0..3
Control State Overridden	V6	Obj\NoYes
Energy Holdoff	V7	Obj\NoYes
Occupied	V8	Obj\NoYes

Input Device A5-11-03

Object Type: *[EnOcean v20\In\A5-11-03]*

This object receives data from a device that supports EEP A5-11-03. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Blind/Shutter Position	V1	Obj\Num; Range: 0..100
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Angle Negative	V2	Obj\NoYes
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Angle	V3	Obj\Num; Range: 0..90
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Position Available	V4	Obj\NoYes
Angle Available	V5	Obj\NoYes
Error State	V6	Obj\ENum; Range: 0..3 where 0=Unknown, 1=Not End, 2=Open, 3=Closed
Status	V7	Obj\ENum; Range: 0..3 where 0=Unknown, 1=Stop, 2=Opens, 3=Closes
Position Mode Inverted	V8	Obj\NoYes

Input Device A5-11-04

Object Type: *[EnOcean v20\In\A5-11-04]*

This object receives data from a device that supports EEP A5-11-04. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Parameter 1	V1	Obj\Num; Range: 0..255
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Parameter 2	V2	Obj\ Num; Range: 0..255
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Parameter 3	V2	Obj\ Num; Range: 0..255
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Service Mode	V4	Obj\NoYes
Operating Hours Available	V5	Obj\NoYes
Error	V6	Obj\ENum; Range: 0..3 where 0=None, 1=LampFail, 2=Internal, 3=External
Parameter Mode	V7	Obj\ENum; Range: 0..2 where 0=Dimmer, 1=RGB, 2=EnergyMeter
Lighting On	V8	Obj\NoYes

Input Device A5-12-00

Object Type: *[EnOcean v20\In\A5-12-00]*

This object receives data from a device that supports EEP A5-12-00. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Meter Reading	V1	Obj\Num; Range: 0..16777215
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Measurement Channel	V2	Obj\ Num; Range: 0..15
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Data Type	V3	Obj\ENum; Range: 0..1 where 0=Cumulative, 1=Current
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Divisor	V4	Obj\ENum; Range: 0..3 where 0=1, 1=10, 2=100, 3=1000

Input Device A5-12-01

Object Type: *[EnOcean v20\In\A5-12-01]*

This object receives data from a device that supports EEP A5-12-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Meter Reading	V1	Obj\Num; Range: 0..16777215
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Tariff	V2	Obj\ Num; Range: 0..15
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Data Type	V3	Obj\ENum; Range: 0..1 where 0=Cumulative (kWh), 1=Current (W)
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Divisor	V4	Obj\ENum; Range: 0..3 where 0=1, 1=10, 2=100, 3=1000

Input Device A5-12-02

Object Type: *[EnOcean v20\In\A5-12-02]*

This object receives data from a device that supports EEP A5-12-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Meter Reading	V1	Obj\Num; Range: 0..16777215
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Measurement Channel	V2	Obj\ Num; Range: 0..15
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Data Type	V3	Obj\ENum; Range: 0..1 where 0=Cumulative (m3) , 1=Current (l/s)
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Divisor	V4	Obj\ENum; Range: 0..3 where 0=1, 1=10, 2=100, 3=1000

Input Device A5-12-03

Object Type: *[EnOcean v20\In\A5-12-03]*

This object receives data from a device that supports EEP A5-12-03. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Meter Reading	V1	Obj\Num; Range: 0..16777215
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Measurement Channel	V2	Obj\ Num; Range: 0..15
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Data Type	V3	Obj\ENum; Range: 0..1 where 0=Cumulative (m3) , 1=Current (l/s)
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Divisor	V4	Obj\ENum; Range: 0..3 where 0=1, 1=10, 2=100, 3=1000

Input Device A5-12-04

Object Type: *[EnOcean v20\In\A5-12-04]*

This object receives data from a device that supports EEP A5-12-04. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Meter Reading (g)	V1	Obj\Num; Range: 0..16883
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Temperature	V2	Obj\ Num; Range: -40..40
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Battery Level	V3	Obj\ENum; Range: 0..3 where 0=100-75, 1=75-50, 2=50-25, 3=25-0
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9

Input Device A5-12-05

Object Type: *[EnOcean v20\In\A5-12-05]*

This object receives data from a device that supports EEP A5-12-05. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Position Sensor 0 Possessed	V1	Obj\NoYes
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Position Sensor 1 Possessed	V2	Obj\NoYes
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Position Sensor 2 Possessed	V3	Obj\NoYes
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Position Sensor 3 Possessed	V4	Obj\NoYes
Position Sensor 4 Possessed	V5	Obj\NoYes
Position Sensor 5 Possessed	V6	Obj\NoYes
Position Sensor 6 Possessed	V7	Obj\NoYes
Position Sensor 7 Possessed	V8	Obj\NoYes
Position Sensor 8 Possessed	V9	Obj\NoYes
Position Sensor 9 Possessed	V10	Obj\NoYes
Temperature	V11	Obj\Float; Range: -40..40
Battery Level	V12	Obj\ENum; Range: 0..3 where 0=100-75, 1=75-50, 2=50-25, 3=25-0

Input Device A5-12-10

Object Type: *[EnOcean v20\In\A5-12-10]*

This object receives data from a device that supports EEP A5-12-10. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Meter Reading	V1	Obj\Num; Range: 0..16777215
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Measurement Channel	V2	Obj\ Num; Range: 0..15
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Reading Current	V3	Obj\NoYes
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Divisor	V4	Obj\ENum; Range: 0..3 where 0=1, 1=10, 2=100, 3=1000

Input Device A5-14-01

Object Type: *[EnOcean v20\In\A5-14-01]*

This object receives data from a device that supports EEP A5-14-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Supply Voltage	V1	Obj\Float; Range: 0..5; Decimals: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Contact Open	V2	Obj\NoYes
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9

Input Device A5-14-02

Object Type: *[EnOcean v20\In\A5-14-02]*

This object receives data from a device that supports EEP A5-14-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Supply Voltage	V1	Obj\Float; Range: 0..5; Decimals: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Illumination (lx)	V2	Obj\Num; Range: 0..1000
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Contact Open	V3	Obj\NoYes
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9

Input Device A5-14-03

Object Type: *[EnOcean v20\In\A5-14-03]*

This object receives data from a device that supports EEP A5-14-03. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Supply Voltage	V1	Obj\Float; Range: 0..5; Decimals: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Vibration Detected	V2	Obj\NoYes
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Contact Open	V3	Obj\NoYes
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9

Input Device A5-14-04

Object Type: *[EnOcean v20\In\A5-14-04]*

This object receives data from a device that supports EEP A5-14-04. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Supply Voltage	V1	Obj\Float; Range: 0..5; Decimals: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Illumination (lx)	V2	Obj\Num; Range: 0..1000
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Vibration Detected	V3	Obj\NoYes
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9
Contact Open	V4	Obj\NoYes
Destination Object Object to write value of V4 when the incoming value changes	D4	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V4	F4	Obj\Num; Range 0..9

Input Device A5-14-05

Object Type: *[EnOcean v20\In\A5-14-05]*

This object receives data from a device that supports EEP A5-14-05. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Supply Voltage	V1	Obj\Float; Range: 0..5; Decimals: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Vibration Detected	V2	Obj\NoYes
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9

Input Device A5-14-06

Object Type: *[EnOcean v20\In\A5-14-06]*

This object receives data from a device that supports EEP A5-14-06. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Supply Voltage	V1	Obj\Float; Range: 0..5; Decimals: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Illumination (lx)	V2	Obj\Num; Range: 0..1000
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Vibration Detected	V3	Obj\NoYes
Destination Object Object to write value of V3 when the incoming value changes	D3	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V3	F3	Obj\Num; Range 0..9

Input Device A5-20-01

Object Type: *[EnOcean v20\In\A5-20-01]*

This object receives data from a device that supports EEP A5-20-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Current Value	V1	Obj\Float; Range: 0..100; Decimals: 1
Service	V2	Obj\OffOn
Energy Input Enabled	V3	Obj\NoYes
Energy Store Charged	V4	Obj\NoYes
Battery Ok	V5	Obj\NoYes
Cover Open	V6	Obj\NoYes
Temp Sensor Fail	V7	Obj\NoYes
Window Open Detected	V8	Obj\NoYes
Actuator Obstructed	V9	Obj\NoYes
Temperature	V10	Obj\Float; Range: 0..40; Decimals: 1

Input Device A5-30-01

Object Type: *[EnOcean v20\In\A5-30-01]*

This object receives data from a device that supports EEP A5-30-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Supply Voltage	V1	Obj\Float; Range: 0..255; Decimals: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Input State	V2	Obj\Num; Range: 0..255
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9

Input Device A5-30-02

Object Type: *[EnOcean v20\In\A5-30-02]*

This object receives data from a device that supports EEP A5-30-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Input State	V1	Obj\Num; Range: 0..255
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9

Input Device A5-30-03

Object Type: *[EnOcean v20\In\A5-30-03]*

This object receives data from a device that supports EEP A5-30-03. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Temperature	V1	Obj\Float; Range: 0..40; Decimals: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Wake Signal High	V2	Obj\NoYes
Destination Object Object to write value of V2 when the incoming value changes	D2	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V2	F2	Obj\Num; Range 0..9
Digital Input 3 High	V3	Obj\NoYes
Digital Input 2 High	V4	Obj\NoYes
Digital Input 1 High	V5	Obj\NoYes
Digital Input 0 High	V6	Obj\NoYes

Input Device A5-30-04

Object Type: *[EnOcean v20\In\A5-30-04]*

This object receives data from a device that supports EEP A5-30-04. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Digital Value 1 Byte	V1	Obj\Num; Range: 0..255
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Digital Input 2 High	V2	Obj\NoYes
Digital Input 1 High	V3	Obj\NoYes
Digital Input 0 High	V4	Obj\NoYes

Input Device A5-30-05

Object Type: *[EnOcean v20\In\A5-30-05]*

This object receives data from a device that supports EEP A5-30-05. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Supply Voltage	V1	Obj\Float; Range: 0..3.3; Decimals: 1
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Signal Type	V2	Obj\ENum; Range: 0..1 where 0=Normal, 1=Heartbeat
Index of Signals	V3	Obj\Num; Range: 0..127

Input Device D2-xx-xx

Object Type: *[EnOcean v20\In\F6-xx-xx]*

This input device sent an VLD telegram during learn-in, but requires the full EEP to be set in the *Input Setup* object.

Until the EEP is known, only raw data is available. See *Appendix B: Offset-Size-Decode Values* for more information on decoding the raw value.

Description	Reference	Type
Label Label to use as name for the remote device. The engineering tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Data Byte 3 Raw data from the device	O0S8	Obj\Num: 0…255
Data Byte 2 Raw data from the device	O8S8	Obj\Num: 0…255
Data Byte 1 Raw data from the device	O16S8	Obj\Num: 0…255
Data Byte 0 Raw data from the device	O24S8	Obj\Num: 0…255

Input Device D2-32-00

Object Type: *[EnOcean v20\In\D2-32-00]*

This object receives data from a device that supports EEP D2-32-00. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Power Fail	V1	Obj\NoYes
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Divisor	V2	Obj\ENum; Range: 0..1 where 0=x/1, 1=x/10
Current Value	V3	Obj\Num; Range: 0..4096 (409.6)

Input Device D2-32-01

Object Type: *[EnOcean v20\In\D2-32-01]*

This object receives data from a device that supports EEP D2-32-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Power Fail	V1	Obj\NoYes
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Divisor	V2	Obj\ENum; Range: 0..1 where 0=x/1, 1=x/10
Current 1 Value	V3	Obj\Num; Range: 0..4096 (409.6)
Current 2 Value	V4	Obj\Num; Range: 0..4096 (409.6)

Input Device D2-32-02

Object Type: *[EnOcean v20\In\D2-32-02]*

This object receives data from a device that supports EEP D2-32-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the input is receiving from	ID	Obj\Text
Power Fail	V1	Obj\NoYes
Destination Object Object to write value of V1 when the incoming value changes	D1	Obj\Obj; Adjustable
Destination Fails Count of write failure to Destination Object for V1	F1	Obj\Num; Range 0..9
Divisor	V2	Obj\ENum; Range: 0..1 where 0=x/1, 1=x/10
Current 1 Value	V3	Obj\Num; Range: 0..4096 (409.6)
Current 2 Value	V4	Obj\Num; Range: 0..4096 (409.6)
Current 3 Value	V5	Obj\Num; Range: 0..4096 (409.6)

Output Device F6-02-01

Object Type: *[EnOcean v20\Out\F6-02-01]*

This object transmits data to a device that supports EEP F6-02-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The engineering tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output tramnsmits with	ID	Obj\Text
Last Button Pressed Last Button pressed, where button numbering is as EnOcean standard	V1	Obj\Num; Range 0..3; Adjustable
Button A State On/Off state of Button A – calculated from Last button pressed	V2	Obj\OffOn; Adjustable
Button B State On/Off state of Button B – calculated from Last button pressed	V3	Obj\OffOn; Adjustable
Button Pressed Current button pressed	V4	Obj\Num; Range 0..3; Adjustable
Energy Bow Whether button is pressed or released	V5	Obj\ENum; Adjustable; Range 0..1, where 0=Released, 1=Pressed
2nd Action Button	V6	Obj\Num; Range 0..3; Adjustable
2nd Action Valid	V7	Obj\NoYes; Adjustable

Output Device F6-02-02

Object Type: *[EnOcean v20\Out\F6-02-02]*

This object transmits data to a device that supports EEP F6-02-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Last Button Pressed Last Button pressed, where button numbering is as EnOcean standard	V1	Obj\Num; Range 0..3; Adjustable
Button A State On/Off state of Button A – calculated from Last button pressed	V2	Obj\OffOn; Adjustable
Button B State On/Off state of Button B – calculated from Last button pressed	V3	Obj\OffOn; Adjustable
Button Pressed Current button pressed	V4	Obj\Num; Range 0..3; Adjustable
Energy Bow Whether button is pressed or released	V5	Obj\ENum; Adjustable; Range 0..1, where 0=Released, 1=Pressed
2nd Action Button	V6	Obj\Num; Range 0..3; Adjustable
2nd Action Valid	V7	Obj\NoYes; Adjustable

Output Device F6-02-03

Object Type: *[EnOcean v20\Out\F6-02-03]*

This object transmits data to a device that supports EEP F6-02-03. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The engineering tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Last Button Pressed Last Button pressed, where button numbering is as EnOcean standard	V1	Obj\Num; Range 0..3; Adjustable

Output Device F6-02-04

Object Type: *[EnOcean v20\Out\F6-02-04]*

This object transmits data to a device that supports EEP F6-02-04. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The engineering tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this input	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Rocker B I Pressed Indicates whether Rocker B I has been pressed	V1	Obj\NoYes; Adjustable
Rocker B O Pressed Indicates whether Rocker B O has been pressed	V2	Obj\NoYes; Adjustable
Rocker A I Pressed Indicates whether Rocker A I has been pressed	V3	Obj\NoYes; Adjustable
Rocker A O Pressed Indicates whether Rocker A I has been pressed	V4	Obj\NoYes; Adjustable
Energy Bow Whether button is pressed or released	V5	Obj\ENum; Adjustable; Range 0..1, where 0=Released, 1=Pressed

Output Device F6-03-01

Object Type: *[EnOcean v20\Out\F6-03-01]*

This object transmits data to a device that supports EEP F6-03-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Button A State Whether Button A was last turned on or off	V1	Obj\OffOn; Adjustable
Button B State Whether Button B was last turned on or off	V1	Obj\OffOn; Adjustable
Button C State On/Off state of Button C – calculated from Last button pressed	V3	Obj\OffOn; Adjustable
Button D State On/Off state of Button D – calculated from Last button pressed	V4	Obj\OffOn; Adjustable
Last Button Pressed Button number of last button pressed	V5	Obj\Num; Range 0..7; Adjustable
Energy Bow Whether button is pressed or released	V6	Obj\ENum; Adjustable; Range 0..1, where 0=Released, 1=Pressed

Output Device F6-03-02

Object Type: *[EnOcean v20\Out\F6-03-02]*

This object transmits data to a device that supports EEP F6-03-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Button A State Whether Button A was last turned on or off	V1	Obj\OffOn; Adjustable
Button B State Whether Button B was last turned on or off	V1	Obj\OffOn; Adjustable
Button C State On/Off state of Button C – calculated from Last button pressed	V3	Obj\OffOn; Adjustable
Button D State On/Off state of Button D – calculated from Last button pressed	V4	Obj\OffOn; Adjustable
Last Button Pressed Button number of last button pressed	V5	Obj\Num; Range 0..7; Adjustable
Energy Bow Whether button is pressed or released	V6	Obj\ENum; Adjustable; Range 0..1, where 0=Released, 1=Pressed

Output Device F6-04-01

Object Type: *[EnOcean v20\Out\F6-04-01]*

This object transmits data to a device that supports EEP F6-04-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Key Card Whether a key card has been inserted	V1	Obj\Num; Adjustable

Output Device F6-04-02

Object Type: *[EnOcean v20\Out\F6-04-01]*

This object transmits data to a device that supports EEP F6-04-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Energy Box State	V1	Obj\Num; Adjustable
Button Coding	V2	Obj\Num; Adjustable
State of Card	V3	Obj\Num; Adjustable

Output Device F6-05-01

Object Type: *[EnOcean v20\Out\F6-05-01]*

This object transmits data to a device that supports EEP F6-05-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Water Sensor Whether water has been sensed	V1	Obj\Num; Range: 0..255; Adjustable

Output Device F6-10-00

Object Type: *[EnOcean v20\Out\F6-10-00]*

This object transmits data to a device that supports EEP F6-10-00. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Window Handle The position of the window handle	V1	Obj\Num; Adjustable

Output Device F6-10-01

Object Type: *[EnOcean v20\Out\F6-10-01]*

This object transmits data to a device that supports EEP F6-10-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Window Handle The position of the window handle	V1	Obj\Num; Adjustable

Output Device D5-00-01

Object Type: *[EnOcean v20\Out\D5-00-01]*

This object transmits data to a device that supports EEP D5-00-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Contact Closed	V1	Obj\NoYes; Adjustable

Output Device A5-02-01

Object Type: *[EnOcean v20\Out\A5-02-01]*

This object transmits data to a device that supports EEP A5-02-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\Float; Decimals: 1; Adjustable; Range: -40..0

Output Device A5-02-02

Object Type: *[EnOcean v20\Out\A5-02-02]*

This object transmits data to a device that supports EEP A5-02-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: -30..10

Output Device A5-02-03

Object Type: *[EnOcean v20\Out\A5-02-03]*

This object transmits data to a device that supports EEP A5-02-03. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: -20..20

Output Device A5-02-04

Object Type: *[EnOcean v20\Out\A5-02-04]*

This object transmits data to a device that supports EEP A5-02-04. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: -10..30

Output Device A5-02-05

Object Type: *[EnOcean v20\Out\A5-02-05]*

This object transmits data to a device that supports EEP A5-02-05. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 0..40

Output Device A5-02-06

Object Type: *[EnOcean v20\Out\A5-02-06]*

This object transmits data to a device that supports EEP A5-02-06. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 10..50

Output Device A5-02-07

Object Type: *[EnOcean v20\Out\A5-02-07]*

This object transmits data to a device that supports EEP A5-02-07. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 20..60

Output Device A5-02-08

Object Type: *[EnOcean v20\Out\A5-02-08]*

This object transmits data to a device that supports EEP A5-02-08. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 30..70

Output Device A5-02-09

Object Type: *[EnOcean v20\Out\A5-02-09]*

This object transmits data to a device that supports EEP A5-02-09. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 40..80

Output Device A5-02-0A

Object Type: *[EnOcean v20\Out\A5-02-0A]*

This object transmits data to a device that supports EEP A5-02-0A. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 50..90

Output Device A5-02-0B

Object Type: *[EnOcean v20\Out\A5-02-0B]*

This object transmits data to a device that supports EEP A5-02-0B. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 60..100

Output Device A5-02-10

Object Type: *[EnOcean v20\Out\A5-02-10]*

This object transmits data to a device that supports EEP A5-02-10. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: -60..20

Output Device A5-02-11

Object Type: *[EnOcean v20\Out\A5-02-11]*

This object transmits data to a device that supports EEP A5-02-11. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: -50..30

Output Device A5-02-12

Object Type: *[EnOcean v20\Out\A5-02-12]*

This object transmits data to a device that supports EEP A5-02-12. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: -40..40

Output Device A5-02-13

Object Type: *[EnOcean v20\Out\A5-02-13]*

This object transmits data to a device that supports EEP A5-02-13. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: -30..50

Output Device A5-02-14

Object Type: *[EnOcean v20\Out\A5-02-14]*

This object transmits data to a device that supports EEP A5-02-14. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: -20..60

Output Device A5-02-15

Object Type: *[EnOcean v20\Out\A5-02-15]*

This object transmits data to a device that supports EEP A5-02-15. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: -10..70

Output Device A5-02-16

Object Type: *[EnOcean v20\Out\A5-02-16]*

This object transmits data to a device that supports EEP A5-02-16. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 0..80

Output Device A5-02-17

Object Type: *[EnOcean v20\Out\A5-02-17]*

This object transmits data to a device that supports EEP A5-02-17. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 10..90

Output Device A5-02-18

Object Type: *[EnOcean v20\Out\A5-02-18]*

This object transmits data to a device that supports EEP A5-02-18. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 20..100

Output Device A5-02-19

Object Type: *[EnOcean v20\Out\A5-02-19]*

This object transmits data to a device that supports EEP A5-02-19. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 30..110

Output Device A5-02-1A

Object Type: *[EnOcean v20\Out\A5-02-1A]*

This object transmits data to a device that supports EEP A5-02-1A. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 40..120

Output Device A5-02-1B

Object Type: *[EnOcean v20\Out\A5-02-1B]*

This object transmits data to a device that supports EEP A5-02-1B. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 50..130

Output Device A5-02-20

Object Type: *[EnOcean v20\Out\A5-02-20]*

This object transmits data to a device that supports EEP A5-02-20. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: -10..41.2

Output Device A5-02-30

Object Type: *[EnOcean v20\Out\A5-02-30]*

This object transmits data to a device that supports EEP A5-02-30. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\ Float; Decimals: 1; Adjustable; Range: -40..62.3

Output Device A5-04-01

Object Type: *[EnOcean v20\Out\A5-04-01]*

This object transmits data to a device that supports EEP A5-04-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Humidity	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 0..100
Temperature	V2	Obj\ Float; Decimals: 1; Adjustable; Range: -60..20
Temperature Available	V3	Obj\NoYes; Adjustable

Output Device A5-04-02

Object Type: *[EnOcean v20\Out\A5-04-02]*

This object transmits data to a device that supports EEP A5-04-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Humidity	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 0..100
Temperature	V2	Obj\ Float; Decimals: 1; Adjustable; Range: -20..60
Temperature Available	V3	Obj\NoYes; Adjustable

Output Device A5-04-03

Object Type: *[EnOcean v20\Out\A5-04-03]*

This object transmits data to a device that supports EEP A5-04-03. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Humidity	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 0..100
Temperature	V2	Obj\ Float; Decimals: 1; Adjustable; Range: -20..60
Telegram Type	V3	Obj\ENum; Adjustable; Range: 0..1 where 0=Heartbeat, 1=Event Triggered

Output Device A5-05-01

Object Type: *[EnOcean v20\Out\A5-05-01]*

This object transmits data to a device that supports EEP A5-05-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Barometer (hPa)	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 500..1150
Telegram Type	V2	Obj\ENum; Adjustable; Range: 0..1 where 0=Heartbeat, 1=Event Triggered

Output Device A5-06-01

Object Type: *[EnOcean v20\Out\A5-06-01]*

This object transmits data to a device that supports EEP A5-06-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Supply Voltage	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 0..5.1
Illumination 2 (lx)	V2	Obj\ Float; Decimals: 1; Adjustable; Range: 300..30000
Illumination 1 (lx)	V3	Obj\ Float; Decimals: 1; Adjustable; Range: 600..60000
Range Select	V3	Obj\ENum; Adjustable; Range: 0..1 where 0=Illumination1, 1=Illumination2

Output Device A5-06-02

Object Type: *[EnOcean v20\Out\A5-06-02]*

This object transmits data to a device that supports EEP A5-06-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Supply Voltage	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 0..5.1
Illumination 2 (lx)	V2	Obj\ Float; Decimals: 1; Adjustable; Range: 0..510
Illumination 1 (lx)	V3	Obj\ Float; Decimals: 1; Adjustable; Range: 0..1020
Range Select	V3	Obj\ENum; Adjustable; Range: 0..1 where 0=Illumination1, 1=Illumination2

Output Device A5-06-03

Object Type: *[EnOcean v20\Out\A5-06-03]*

This object transmits data to a device that supports EEP A5-06-03. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Supply Voltage	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 0..5
Illumination (lx)	V2	Obj\ Float; Decimals: 1; Adjustable; Range: 0..1000

Output Device A5-07-01

Object Type: *[EnOcean v20\Out\A5-07-01]*

This object transmits data to a device that supports EEP A5-07-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Supply Voltage	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 0..5
PIR Level	V2	Obj\ Num; Adjustable; Range: 0..255
Supply Voltage Available	V3	Obj\NoYes; Adjustable

Output Device A5-07-02

Object Type: *[EnOcean v20\Out\A5-07-02]*

This object transmits data to a device that supports EEP A5-07-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Supply Voltage	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 0..5
Motion Detected	V2	Obj\ NoYes; Adjustable

Output Device A5-07-03

Object Type: *[EnOcean v20\Out\A5-07-03]*

This object transmits data to a device that supports EEP A5-07-03. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Supply Voltage	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 0..5
Illumination (lx)	V2	Obj\ Num; Adjustable; Range: 0..1000
Motion Detected	V3	Obj\NoYes; Adjustable

Output Device A5-08-01

Object Type: *[EnOcean v20\Out\A5-08-01]*

This object transmits data to a device that supports EEP A5-08-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Supply Voltage	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 0..5
Illumination (lx)	V2	Obj\ Num; Adjustable; Range: 0..510
Temperature	V3	Obj\ Num; Adjustable; Range: 0..51
PIR Status	V4	Obj\NoYes; Adjustable
Occupancy Button	V5	Obj\NoYes; Adjustable

Output Device A5-08-02

Object Type: *[EnOcean v20\Out\A5-08-02]*

This object transmits data to a device that supports EEP A5-08-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Supply Voltage	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 0..5.1
Illumination (lx)	V2	Obj\ Num; Adjustable; Range: 0..1020
Temperature	V3	Obj\ Num; Adjustable; Range: 0..51
PIR Status	V4	Obj\NoYes; Adjustable
Occupancy Button	V5	Obj\NoYes; Adjustable

Output Device A5-08-03

Object Type: *[EnOcean v20\Out\A5-08-03]*

This object transmits data to a device that supports EEP A5-08-03. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Supply Voltage	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 0..5.1
Illumination (lx)	V2	Obj\ Num; Adjustable; Range: 0..1530
Temperature	V3	Obj\ Num; Adjustable; Range: -30..50
PIR Status	V4	Obj\NoYes; Adjustable
Occupancy Button	V5	Obj\NoYes; Adjustable

Output Device A5-09-02

Object Type: *[EnOcean v20\Out\A5-09-02]*

This object transmits data to a device that supports EEP A5-09-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Supply Voltage	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 0..5.1
Gas Concentration (ppm)	V2	Obj\ Num; Adjustable; Range: 0..1020
Temperature	V3	Obj\ Num; Adjustable; Range: -0..51
Temp Sensor Available	V4	Obj\NoYes; Adjustable

Output Device A5-09-04

Object Type: *[EnOcean v20\Out\A5-09-04]*

This object transmits data to a device that supports EEP A5-09-04. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Humidity	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 0..100
Gas Concentration (ppm)	V2	Obj\ Num; Adjustable; Range: 0..2550
Temperature	V3	Obj\ Num; Adjustable; Range: -0..51
Humidity Sensor Available	V4	Obj\NoYes; Adjustable
Temp Sensor Available	V5	Obj\NoYes; Adjustable

Output Device A5-09-05

Object Type: *[EnOcean v20\Out\A5-09-05]*

This object transmits data to a device that supports EEP A5-09-05. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
VOC Concentration (ppb)	V1	Obj\ Float; Decimals: 1; Adjustable; Range: 0..65535
VOC Identification	V2	Obj\Num; Adjustable; Range: 0..255
Scale Multiplier	V3	Obj\ENum; Adjustable; Range: 0..3 where 0=0.01, 1=0.1, 2=1, 3=10

Output Device A5-09-06

Object Type: *[EnOcean v20\Out\A5-09-06]*

This object transmits data to a device that supports EEP A5-09-06. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Radon Activity (Bq/m3)	V1	Obj\Num; Adjustable; Range: 0..1023

Output Device A5-09-07

Object Type: *[EnOcean v20\Out\A5-09-07]*

This object transmits data to a device that supports EEP A5-09-07. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Particles 10 (ug/m3)	V1	Obj\Num; Adjustable; Range: 0..511
Particles 2.5 (ug/m3)	V2	Obj\Num; Adjustable; Range: 0..511
Particles 1 (ug/m3)	V3	Obj\Num; Adjustable; Range: 0..511
Particles 10 Active	V4	Obj\NoYes; Adjustable
Particles 2.5 Active	V5	Obj\NoYes; Adjustable
Particles 1 Active	V6	Obj\NoYes; Adjustable

Output Device A5-09-08

Object Type: *[EnOcean v20\Out\A5-09-08]*

This object transmits data to a device that supports EEP A5-09-08. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
CO2 Measurement	V1	Obj\Num; Adjustable; Range: 0..2000

Output Device A5-09-09

Object Type: *[EnOcean v20\Out\A5-09-09]*

This object transmits data to a device that supports EEP A5-09-09. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
CO2 Measurement	V1	Obj\Num; Adjustable; Range: 0..2000
Power Fail Detected	V2	Obj\NoYes; Adjustable

Output Device A5-09-0A

Object Type: *[EnOcean v20\Out\A5-09-0A]*

This object transmits data to a device that supports EEP A5-09-0A. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Concentration (ppm)	V1	Obj\Num; Adjustable; Range: 0..65535
Temperature	V2	Obj\Float; Decimals: 1; Adjustable; Range: -20..60
Supply Voltage	V3	Obj\Float; Adjustable; Range: 2..5
Temp Sensor Available	V4	Obj\NoYes; Adjustable
Voltage Sensor Available	V5	Obj\NoYes; Adjustable

Output Device A5-09-0B

Object Type: *[EnOcean v20\Out\A5-09-0B]*

This object transmits data to a device that supports EEP A5-09-0B. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Supply Voltage	V1	Obj\Float; Adjustable; Range: 2..5
Radiation Level	V2	Obj\Float; Adjustable; Range: 0..65535
Scale Multiplier	V3	Obj\ENum; Adjustable; Range: -0..8 where 0=0.001, 1=0.01, 2=0.1, 3=1, 4=10, 5=100, 6=1000, 7=10000, 8=100000
Value Unit	V4	Obj\ENum; Adjustable; Range: 0..3 where 0=uSv/h, 1=cpm, 2=Bq/l, 3=Bq/kg
Voltage Sensor Available	V5	Obj\NoYes; Adjustable

Output Device A5-10-01

Object Type: *[EnOcean v20\Out\A5-10-01]*

This object transmits data to a device that supports EEP A5-10-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Turn-Switch for Fan Speed	V1	Obj\Num; Adjustable; Range: 0..255 where 0..144=Stage 3, 145..164=Stage 2, 165..189=Stage 1, 190..209=Stage 0, 210..255=Auto
Setpoint	V2	Obj\Num; Adjustable; Range: 0..255 where 0=Min, 255=Max
Temperature	V3	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Unoccupied	V4	Obj\NoYes; Adjustable

Output Device A5-10-02

Object Type: *[EnOcean v20\Out\A5-10-02]*

This object transmits data to a device that supports EEP A5-10-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Turn-Switch for Fan Speed	V1	Obj\Num; Adjustable; Range: 0..255 where 0..144=Stage 3, 145..164=Stage 2, 165..189=Stage 1, 190..209=Stage 0, 210..255=Auto
Setpoint	V2	Obj\Num; Adjustable; Range: 0..255 where 0=Min, 255=Max
Temperature	V3	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Slide Switch Day/On	V4	Obj\NoYes; Adjustable

Output Device A5-10-03

Object Type: *[EnOcean v20\Out\A5-10-03]*

This object transmits data to a device that supports EEP A5-10-03. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Setpoint	V1	Obj\Num; Adjustable; Range: 0..255 where 0=Min, 255=Max
Temperature	V2	Obj\Float; Decimals: 1; Adjustable; Range: 0..40

Output Device A5-10-04

Object Type: *[EnOcean v20\Out\A5-10-04]*

This object transmits data to a device that supports EEP A5-10-04. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Turn-Switch for Fan Speed	V1	Obj\Num; Adjustable; Range: 0..255 where 0..144=Stage 3, 145..164=Stage 2, 165..189=Stage 1, 190..209=Stage 0, 210..255=Auto
Setpoint	V2	Obj\Num; Adjustable; Range: 0..255 where 0=Min, 255=Max
Temperature	V3	Obj\Float; Decimals: 1; Adjustable; Range: 0..40

Output Device A5-10-05

Object Type: *[EnOcean v20\Out\A5-10-05]*

This object transmits data to a device that supports EEP A5-10-05. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Setpoint	V1	Obj\Num; Adjustable; Range: 0..255 where 0=Min, 255=Max
Temperature	V2	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Unoccupied	V3	Obj\NoYes; Adjustable

Output Device A5-10-06

Object Type: *[EnOcean v20\Out\A5-10-06]*

This object transmits data to a device that supports EEP A5-10-06. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Setpoint	V1	Obj\Num; Adjustable; Range: 0..255 where 0=Min, 255=Max
Temperature	V2	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Slide Switch Day/On	V3	Obj\NoYes; Adjustable

Output Device A5-10-07

Object Type: *[EnOcean v20\Out\A5-10-07]*

This object transmits data to a device that supports EEP A5-10-07. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Turn-Switch for Fan Speed	V1	Obj\Num; Adjustable; Range: 0..255 where 0..144=Stage 3, 145..164=Stage 2, 165..189=Stage 1, 190..209=Stage 0, 210..255=Auto
Temperature	V2	Obj\Float; Decimals: 1; Adjustable; Range: 0..40

Output Device A5-10-08

Object Type: *[EnOcean v20\Out\A5-10-08]*

This object transmits data to a device that supports EEP A5-10-08. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Turn-Switch for Fan Speed	V1	Obj\Num; Adjustable; Range: 0..255 where 0..144=Stage 3, 145..164=Stage 2, 165..189=Stage 1, 190..209=Stage 0, 210..255=Auto
Temperature	V2	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Unoccupied	V3	Obj\NoYes; Adjustable

Output Device A5-10-09

Object Type: *[EnOcean v20\Out\A5-10-09]*

This object transmits data to a device that supports EEP A5-10-09. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Turn-Switch for Fan Speed	V1	Obj\Num; Adjustable; Range: 0..255 where 0..144=Stage 3, 145..164=Stage 2, 165..189=Stage 1, 190..209=Stage 0, 210..255=Auto
Temperature	V2	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Slide Switch Day/On	V3	Obj\NoYes; Adjustable

Output Device A5-10-0A

Object Type: *[EnOcean v20\Out\A5-10-0A]*

This object transmits data to a device that supports EEP A5-10-0A. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Setpoint	V1	Obj\Num; Adjustable; Range: 0..255 where 0=Min, 255=Max
Temperature	V2	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Contact Open	V3	Obj\NoYes; Adjustable

Output Device A5-10-0B

Object Type: *[EnOcean v20\Out\A5-10-0B]*

This object transmits data to a device that supports EEP A5-10-0B. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Contact Open	V2	Obj\NoYes; Adjustable

Output Device A5-10-0C

Object Type: *[EnOcean v20\Out\A5-10-0C]*

This object transmits data to a device that supports EEP A5-10-0C. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Occupied	V2	Obj\NoYes; Adjustable

Output Device A5-10-0D

Object Type: *[EnOcean v20\Out\A5-10-0D]*

This object transmits data to a device that supports EEP A5-10-0D. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Slide Switch Day/On	V2	Obj\NoYes; Adjustable

Output Device A5-10-10

Object Type: *[EnOcean v20\Out\A5-10-10]*

This object transmits data to a device that supports EEP A5-10-10. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Setpoint	V1	Obj\Num; Adjustable; Range: 0..255 where 0=Min, 255=Max
Humidity	V2	Obj\Float; Decimals: 1; Adjustable; Range: 0..100
Temperature	V3	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Occupied	V4	Obj\NoYes; Adjustable

Output Device A5-10-11

Object Type: *[EnOcean v20\Out\A5-10-11]*

This object transmits data to a device that supports EEP A5-10-11. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Setpoint	V1	Obj\Num; Adjustable; Range: 0..255 where 0=Min, 255=Max
Humidity	V2	Obj\Float; Decimals: 1; Adjustable; Range: 0..100
Temperature	V3	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Slide Switch Day/On	V4	Obj\NoYes; Adjustable

Output Device A5-10-12

Object Type: *[EnOcean v20\Out\A5-10-12]*

This object transmits data to a device that supports EEP A5-10-12. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Setpoint	V1	Obj\Num; Adjustable; Range: 0..255 where 0=Min, 255=Max
Humidity	V2	Obj\Float; Decimals: 1; Adjustable; Range: 0..100
Temperature	V3	Obj\Float; Decimals: 1; Adjustable; Range: 0..40

Output Device A5-10-13

Object Type: *[EnOcean v20\Out\A5-10-13]*

This object transmits data to a device that supports EEP A5-10-13. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Humidity	V1	Obj\Float; Decimals: 1; Adjustable; Range: 0..100
Temperature	V2	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Occupied	V3	Obj\NoYes; Adjustable

Output Device A5-10-14

Object Type: *[EnOcean v20\Out\A5-10-14]*

This object transmits data to a device that supports EEP A5-10-14. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Humidity	V1	Obj\Float; Decimals: 1; Adjustable; Range: 0..100
Temperature	V2	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Slide Switch Day/On	V3	Obj\NoYes; Adjustable

Output Device A5-10-15

Object Type: *[EnOcean v20\Out\A5-10-15]*

This object transmits data to a device that supports EEP A5-10-15. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Setpoint	V1	Obj\Num; Adjustable; Range: 0..63
Temperature	V2	Obj\Float; Decimals: 1; Adjustable; Range: -10..41.2

Output Device A5-10-16

Object Type: *[EnOcean v20\Out\A5-10-16]*

This object transmits data to a device that supports EEP A5-10-16. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Setpoint	V1	Obj\Num; Adjustable; Range: 0..63
Temperature	V2	Obj\Float; Decimals: 1; Adjustable; Range: -10..41.2
Occupied	V3	Obj\NoYes; Adjustable

Output Device A5-10-17

Object Type: *[EnOcean v20\Out\A5-10-17]*

This object transmits data to a device that supports EEP A5-10-17. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Temperature	V1	Obj\Float; Decimals: 1; Adjustable; Range: -10..41.2
Occupied	V2	Obj\NoYes; Adjustable

Output Device A5-10-18

Object Type: *[EnOcean v20\Out\A5-10-18]*

This object transmits data to a device that supports EEP A5-10-18. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Illumination (lx)	V1	Obj\Num; Adjustable; Range 0..1000
Temp Setpoint	V2	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Temperature	V3	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Fan Speed	V4	Obj\ENum; Adjustable; Range: 0..7 where 0=Auto, 1=Speed0, 2=Speed1, 3=Speed2, 4=Speed3, 5=Speed4, 6=Speed5, 7=Off
Occupancy Disabled	V5	Obj\NoYes; Adjustable
Unoccupied	V6	Obj\NoYes; Adjustable

Output Device A5-10-19

Object Type: *[EnOcean v20\Out\A5-10-19]*

This object transmits data to a device that supports EEP A5-10-19. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Humidity	V1	Obj\Float; Decimals: 1; Adjustable; Range 0..100
Temp Setpoint	V2	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Temperature	V3	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Fan Speed	V4	Obj\ENum; Adjustable; Range: 0..7 where 0=Auto, 1=Speed0, 2=Speed1, 3=Speed2, 4=Speed3, 5=Speed4, 6=Speed5, 7=Off
Occupancy Disabled	V5	Obj\NoYes; Adjustable
Unoccupied	V6	Obj\NoYes; Adjustable

Output Device A5-10-1A

Object Type: *[EnOcean v20\Out\A5-10-1A]*

This object transmits data to a device that supports EEP A5-10-1A. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Supply Voltage	V1	Obj\Float; Decimals: 1; Adjustable; Range 0..5
Temp Setpoint	V2	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Temperature	V3	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Fan Speed	V4	Obj\ENum; Adjustable; Range: 0..7 where 0=Auto, 1=Speed0, 2=Speed1, 3=Speed2, 4=Speed3, 5=Speed4, 6=Speed5, 7=Off
Occupancy Disabled	V5	Obj\NoYes; Adjustable
Unoccupied	V6	Obj\NoYes; Adjustable

Output Device A5-10-1B

Object Type: *[EnOcean v20\Out\A5-10-1B]*

This object transmits data to a device that supports EEP A5-10-1B. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Supply Voltage	V1	Obj\Float; Decimals: 1; Adjustable; Range 0..5
Illumination (lx)	V2	Obj\Num; Adjustable; Range: 0..1000
Temperature	V3	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Fan Speed	V4	Obj\ENum; Adjustable; Range: 0..7 where 0=Auto, 1=Speed0, 2=Speed1, 3=Speed2, 4=Speed3, 5=Speed4, 6=Speed5, 7=Off
Occupancy Disabled	V5	Obj\NoYes; Adjustable
Unoccupied	V6	Obj\NoYes; Adjustable

Output Device A5-10-1C

Object Type: *[EnOcean v20\Out\A5-10-1C]*

This object transmits data to a device that supports EEP A5-10-1C. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Illumination (lx)	V1	Obj\Num; Adjustable; Range 0..1000
Illumination Setpoint (lx)	V2	Obj\Num; Adjustable; Range: 0..1000
Temperature	V3	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Fan Speed	V4	Obj\ENum; Adjustable; Range: 0..7 where 0=Auto, 1=Speed0, 2=Speed1, 3=Speed2, 4=Speed3, 5=Speed4, 6=Speed5, 7=Off
Occupancy Disabled	V5	Obj\NoYes; Adjustable
Unoccupied	V6	Obj\NoYes; Adjustable

Output Device A5-10-1D

Object Type: *[EnOcean v20\Out\A5-10-1D]*

This object transmits data to a device that supports EEP A5-10-1D. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Humidity	V1	Obj\Float; Decimals: 1; Adjustable; Range 0..100
Humidity Setpoint	V2	Obj\Float; Decimals: 1; Adjustable; Range: 0..1000
Temperature	V3	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Fan Speed	V4	Obj\ENum; Adjustable; Range: 0..7 where 0=Auto, 1=Speed0, 2=Speed1, 3=Speed2, 4=Speed3, 5=Speed4, 6=Speed5, 7=Off
Occupancy Disabled	V5	Obj\NoYes; Adjustable
Unoccupied	V6	Obj\NoYes; Adjustable

Output Device A5-10-1E

Object Type: *[EnOcean v20\Out\A5-10-1E]*

This object transmits data to a device that supports EEP A5-10-1E. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Supply Voltage	V1	Obj\Float; Decimals: 1; Adjustable; Range 0..5
Illumination (lx)	V2	Obj\Num; Adjustable; Range: 0..1000
Temperature	V3	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Fan Speed	V4	Obj\ENum; Adjustable; Range: 0..7 where 0=Auto, 1=Speed0, 2=Speed1, 3=Speed2, 4=Speed3, 5=Speed4, 6=Speed5, 7=Off
Occupancy Disabled	V5	Obj\NoYes; Adjustable
Unoccupied	V6	Obj\NoYes; Adjustable

Output Device A5-10-1F

Object Type: *[EnOcean v20\Out\A5-10-1F]*

This object transmits data to a device that supports EEP A5-10-1F. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Turn-Switch for Fan Speed	V1	Obj\Num; Adjustable; Range: 0..255 where 0..144=Stage 3, 145..164=Stage 2, 165..189=Stage 1, 190..209=Stage 0, 210..255=Auto
Setpoint	V2	Obj\Num; Adjustable; Range: 0..255 where 0=Min, 255=Max
Temperature	V3	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Temperature Present	V4	Obj\NoYes; Adjustable
Setpoint Present	V5	Obj\NoYes; Adjustable
Fan Speed Present	V6	Obj\NoYes; Adjustable
Occupancy Disabled	V7	Obj\NoYes; Adjustable
Unoccupied	V8	Obj\NoYes; Adjustable

Output Device A5-10-20

Object Type: *[EnOcean v20\Out\A5-10-20]*

This object transmits data to a device that supports EEP A5-10-20. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Setpoint	V1	Obj\Num; Adjustable; Range: 0..255 where 0=Min, 255=Max
Temperature	V2	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Setpoint Mode	V3	Obj\ENum; Adjustable; Range: 0..3 where 0= Setpoint, 1=Frost, 2=Timer, 3=Reserved
Battery Low	V4	Obj\NoYes; Adjustable
User Interaction	V5	Obj\NoYes; Adjustable

Output Device A5-10-21

Object Type: *[EnOcean v20\Out\A5-10-21]*

This object transmits data to a device that supports EEP A5-10-21. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Setpoint	V1	Obj\Num; Adjustable; Range: 0..255 where 0=Min, 255=Max
Humidity	V2	Obj\Float; Decimals: 1; Adjustable; Range: 0..100
Temperature	V3	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Setpoint Mode	V4	Obj\ENum; Adjustable; Range: 0..3 where 0= Setpoint, 1=Frost, 2=Timer, 3=Reserved
Battery Low	V5	Obj\NoYes; Adjustable
User Interaction	V6	Obj\NoYes; Adjustable

Output Device A5-11-01

Object Type: *[EnOcean v20\Out\A5-11-01]*

This object transmits data to a device that supports EEP A5-11-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Illumination (lx)	V1	Obj\Num; Adjustable; Range: 0..512
Illumination Setpoint (lx)	V2	Obj\Num; Adjustable; Range: 0..255
Dimming Output Level	V3	Obj\Num; Adjustable; Range: 0..255
Repeater Enabled	V4	Obj\NoYes; Adjustable
Power Relay Timer Enable	V5	Obj\NoYes; Adjustable
Daylight Harvesting Enabled	V6	Obj\NoYes; Adjustable
Dimming Load	V7	Obj\NoYes; Adjustable
Magnet Contact Closed	V8	Obj\NoYes; Adjustable
Occupied	V9	Obj\NoYes; Adjustable
Power Relay On	V10	Obj\NoYes; Adjustable

Output Device A5-11-02

Object Type: *[EnOcean v20\Out\A5-11-02]*

This object transmits data to a device that supports EEP A5-11-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Control Variable	V1	Obj\Float; Decimals: 1; Adjustable; Range: 0..100
Fan Stage	V2	Obj\Num; Adjustable; Range: 0..255
Actual Setpoint	V3	Obj\Float; Decimals: 1; Adjustable; Range: 0..51.2
Alarm	V4	Obj\NoYes; Adjustable
Controller Mode	V5	Obj\ENum; Adjustable; Range: 0..3 where O=Unknown, 1=Heating, 2=Cooling; 3=Off
Controller State Override	V6	Obj\NoYes; Adjustable
Energy Hold-off	V7	Obj\NoYes; Adjustable
Room Occupancy	V8	Obj\ENum; Adjustable; Range: 0..3 where 0=Occupied, 1=Unoccupied, 2=Standby, 3=Frost

Output Device A5-11-03

Object Type: *[EnOcean v20\Out\A5-11-03]*

This object transmits data to a device that supports EEP A5-11-03. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Blind/Shutter Position	V1	Obj\Num; Adjustable; Range: 0..100
Angle Negative	V2	Obj\NoYes; Adjustable
Angle	V3	Obj\Num; Adjustable; Range: 0..360
Position Available	V4	Obj\NoYes; Adjustable
Angle Available	V5	Obj\NoYes; Adjustable
Error	V6	Obj\ENum; Adjustable; Range: 0..3 where O=None, 1=No EndPos, 2=Internal; 3=n/a
End-position	V7	Obj\ENum; Adjustable; Range: 0..3 where O=No EndPos, 1=No End Reached, 2=Open, 3=Closed
Status	V8	Obj\ENum; Adjustable; Range: 0..3 where O=N/A, 1=Stopped, 2=Opens, 3=Closes
Service Mode Active	V9	Obj\NoYes; Adjustable
Position Mode Inverted	V10	Obj\NoYes; Adjustable

Output Device A5-11-04

Object Type: *[EnOcean v20\Out\A5-11-04]*

This object transmits data to a device that supports EEP A5-11-04. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Parameter 1	V1	Obj\Num; Adjustable; Range: 0..255
Parameter 2	V2	Obj\Num; Adjustable; Range: 0..255
Parameter 3	V3	Obj\Num; Adjustable; Range: 0..255
Service Mode Active	V4	Obj\NoYes; Adjustable
Operating Hours Available	V5	Obj\NoYes; Adjustable
Error	V6	Obj\ENum; Adjustable; Range: 0..3 where O=None, 1=Lamp, 2=Internal; 3=External
Parameter Mode	V7	Obj\ENum; Adjustable; Range: 0..3 where O=Dimmer, 1=RGB, 2=Energy, 3=NotUsed
Lighting On	V8	Obj\NoYes; Adjustable

Output Device A5-12-00

Object Type: *[EnOcean v20\Out\A5-12-00]*

This object transmits data to a device that supports EEP A5-12-00. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Meter Reading (Counter)	V1	Obj\Num; Adjustable; Range: 0..16777215
Channel	V2	Obj\Num; Adjustable; Range: 0..15
Data Type	V3	Obj\ENum; Adjustable; Range: 0..1 where 0=Cumulative, 1=Current /s
Divisor Scale	V4	Obj\ENum; Adjustable; Range: 0..3 where 0=x/1, 1=x/10, 2=x/100, 3=x/1000

Output Device A5-12-01

Object Type: *[EnOcean v20\Out\A5-12-01]*

This object transmits data to a device that supports EEP A5-12-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Meter Reading (Electricity)	V1	Obj\Num; Adjustable; Range: 0..16777215
Tariff	V2	Obj\Num; Adjustable; Range: 0..15
Data Type	V3	Obj\ENum; Adjustable; Range: 0..1 where 0=Cumulative kWh, 1=Current W
Divisor Scale	V4	Obj\ENum; Adjustable; Range: 0..3 where 0=x/1, 1=x/10, 2=x/100, 3=x/1000

Output Device A5-12-02

Object Type: *[EnOcean v20\Out\A5-12-02]*

This object transmits data to a device that supports EEP A5-12-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Meter Reading (Gas)	V1	Obj\Num; Adjustable; Range: 0..16777215
Tariff	V2	Obj\Num; Adjustable; Range: 0..15
Data Type	V3	Obj\ENum; Adjustable; Range: 0..1 where 0=Cumulative m3, 1=Current l/s
Divisor Scale	V4	Obj\ENum; Adjustable; Range: 0..3 where 0=x/1, 1=x/10, 2=x/100, 3=x/1000

Output Device A5-12-03

Object Type: *[EnOcean v20\Out\A5-12-03]*

This object transmits data to a device that supports EEP A5-12-03. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Meter Reading (Water)	V1	Obj\Num; Adjustable; Range: 0..16777215
Tariff	V2	Obj\Num; Adjustable; Range: 0..15
Data Type	V3	Obj\ENum; Adjustable; Range: 0..1 where 0=Cumulative m3, 1=Current l/s
Divisor Scale	V4	Obj\ENum; Adjustable; Range: 0..3 where 0=x/1, 1=x/10, 2=x/100, 3=x/1000

Output Device A5-12-04

Object Type: *[EnOcean v20\Out\A5-12-04]*

This object transmits data to a device that supports EEP A5-12-04. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Meter Reading (Weight)	V1	Obj\Num; Adjustable; Range: 0..16384
Temperature	V2	Obj\Float; Decimals: 1; Adjustable; Range: -40..40
Battery Level	V3	Obj\ENum; Adjustable; Range: 0..1 where 0=100-75, 1=75..50, 2=50..25, 3=25..0

Output Device A5-12-05

Object Type: *[EnOcean v20\Out\A5-12-05]*

This object transmits data to a device that supports EEP A5-12-05. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Position Sensor 0 Possessed	V1	Obj\NoYes; Adjustable
Position Sensor 1 Possessed	V2	Obj\NoYes; Adjustable
Position Sensor 2 Possessed	V3	Obj\NoYes; Adjustable
Position Sensor 3 Possessed	V4	Obj\NoYes; Adjustable
Position Sensor 4 Possessed	V5	Obj\NoYes; Adjustable
Position Sensor 5 Possessed	V6	Obj\NoYes; Adjustable
Position Sensor 6 Possessed	V7	Obj\NoYes; Adjustable
Position Sensor 7 Possessed	V8	Obj\NoYes; Adjustable
Position Sensor 8 Possessed	V9	Obj\NoYes; Adjustable
Position Sensor 9 Possessed	V10	Obj\NoYes; Adjustable
Temperature	V11	Obj\Float; Decimals: 1; Adjustable; Range: -40..40
Battery Level	V3	Obj\ENum; Adjustable; Range: 0..1 where 0=100-75, 1=75..50, 2=50..25, 3=25..0

Output Device A5-12-10

Object Type: *[EnOcean v20\Out\A5-12-10]*

This object transmits data to a device that supports EEP A5-12-10. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Meter Reading (Current)	V1	Obj\Num; Adjustable; Range: 0..16777215
Channel	V2	Obj\Num; Adjustable; Range: 0..15
Data Type	V3	Obj\ENum; Adjustable; Range: 0..1 where 0=Cumulative Ah, 1=Current mA
Divisor Scale	V4	Obj\ENum; Adjustable; Range: 0..3 where 0=x/1, 1=x/10, 2=x/100, 3=x/1000

Output Device A5-14-01

Object Type: *[EnOcean v20\Out\A5-14-01]*

This object transmits data to a device that supports EEP A5-14-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Supply Voltage	V1	Obj\Float; Decimals: 1; Adjustable; Range: 0..5
Contact Open	V2	Obj\NoYes; Adjustable

Output Device A5-14-02

Object Type: *[EnOcean v20\Out\A5-14-02]*

This object transmits data to a device that supports EEP A5-14-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Supply Voltage	V1	Obj\Float; Decimals: 1; Adjustable; Range: 0..5
Illumination (lx)	V2	Obj\Num; Adjustable; Range: 0..1000
Contact Open	V3	Obj\NoYes; Adjustable

Output Device A5-14-03

Object Type: *[EnOcean v20\Out\A5-14-03]*

This object transmits data to a device that supports EEP A5-14-03. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Supply Voltage	V1	Obj\Float; Decimals: 1; Adjustable; Range: 0..5
Vibration Detected	V2	Obj\NoYes; Adjustable
Contact Open	V3	Obj\NoYes; Adjustable

Output Device A5-14-04

Object Type: *[EnOcean v20\Out\A5-14-04]*

This object transmits data to a device that supports EEP A5-14-04. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Supply Voltage	V1	Obj\Float; Decimals: 1; Adjustable; Range: 0..5
Illumination (lx)	V2	Obj\Num; Adjustable; Range: 0..1000
Vibration Detected	V3	Obj\NoYes; Adjustable
Contact Open	V4	Obj\NoYes; Adjustable

Output Device A5-14-05

Object Type: *[EnOcean v20\Out\A5-14-05]*

This object transmits data to a device that supports EEP A5-14-05. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Supply Voltage	V1	Obj\Float; Decimals: 1; Adjustable; Range: 0..5
Vibration Detected	V2	Obj\NoYes; Adjustable

Output Device A5-14-06

Object Type: *[EnOcean v20\Out\A5-14-06]*

This object transmits data to a device that supports EEP A5-14-06. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Supply Voltage	V1	Obj\Float; Decimals: 1; Adjustable; Range: 0..5
Illumination (lx)	V2	Obj\Num; Adjustable; Range: 0..1000
Vibration Detected	V3	Obj\NoYes; Adjustable

Output Device A5-20-01

Object Type: *[EnOcean v20\Out\A5-20-01]*

This object transmits data to a device that supports EEP A5-20-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Value or Temp	V1	Obj\Float; Decimals: 1; Adjustable; Range: 0..255
Temperature from RCU	V2	Obj\Float; Decimals: 1; Adjustable; Range: 0..40
Service: Run Init	V3	Obj\NoYes; Adjustable
Service: Lift Set Sequence	V4	Obj\NoYes; Adjustable
Service: Valve Open	V5	Obj\NoYes; Adjustable
Service: Valve Close	V6	Obj\NoYes; Adjustable
Summer	V7	Obj\NoYes; Adjustable
Setpoint Select	V8	Obj\ENum; Adjustable; Range: 0..1 where 0=Valve, 1=Temp
Setpoint Inverse	V9	Obj\NoYes; Adjustable
Service Mode	V10	Obj\NoYes; Adjustable

Output Device A5-30-01

Object Type: *[EnOcean v20\Out\A5-30-01]*

This object transmits data to a device that supports EEP A5-30-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Supply Voltage	V1	Obj\Num; Adjustable; Range: 0..255 0..120=Battery Low, 121..255=Battery Ok
Input State	V2	Obj\Num; Adjustable; Range: 0..255 0..195=Closed, 196..255=Open

Output Device A5-30-02

Object Type: *[EnOcean v20\Out\A5-30-02]*

This object transmits data to a device that supports EEP A5-30-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Input Open	V1	Obj\NoYes; Adjustable

Output Device A5-30-03

Object Type: *[EnOcean v20\Out\A5-30-03]*

This object transmits data to a device that supports EEP A5-30-03. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Wake High	V1	Obj\NoYes; Adjustable
Digital Input 3 High	V2	Obj\NoYes; Adjustable
Digital Input 2 High	V3	Obj\NoYes; Adjustable
Digital Input 1 High	V4	Obj\NoYes; Adjustable
Digital Input 0 High	V5	Obj\NoYes; Adjustable

Output Device A5-30-04

Object Type: *[EnOcean v20\Out\A5-30-04]*

This object transmits data to a device that supports EEP A5-30-04. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Digital Input Value	V1	Obj\Num; Adjustable; Range: 0..255
Digital Input 2 High	V2	Obj\NoYes; Adjustable
Digital Input 1 High	V3	Obj\NoYes; Adjustable
Digital Input 0 High	V4	Obj\NoYes; Adjustable

Output Device A5-30-05

Object Type: *[EnOcean v20\Out\A5-30-05]*

This object transmits data to a device that supports EEP A5-30-05. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Supply Voltage	V1	Obj\Float; Decimals: 1; Adjustable; Range: 0..3.3
Signal Type	V2	Obj\ENum; Adjustable; Range: 0..1 where 0=Normal, 1=Heartbeat
Index of Signals	V3	Obj\Num; Adjustable; Range: 0..127
Digital Input 0 High	V4	Obj\NoYes; Adjustable

Output Device D2-32-00

Object Type: *[EnOcean v20\Out\D2-32-00]*

This object transmits data to a device that supports EEP D2-32-00. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Power Fail	V1	Obj\NoYes; Adjustable
Divisor	V2	Obj\ENum; Adjustable; Range: 0..1 where 0=x/1, 1=x/10
Channel 1	V3	Obj\Num; Adjustable; Range: 0..4095

Output Device D2-32-01

Object Type: *[EnOcean v20\Out\D2-32-01]*

This object transmits data to a device that supports EEP D2-32-01. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Power Fail	V1	Obj\NoYes; Adjustable
Divisor	V2	Obj\ENum; Adjustable; Range: 0..1 where 0=x/1, 1=x/10
Channel 1	V3	Obj\Num; Adjustable; Range: 0..4095
Channel 2	V4	Obj\Num; Adjustable; Range: 0..4095

Output Device D2-32-02

Object Type: *[EnOcean v20\Out\D2-32-02]*

This object transmits data to a device that supports EEP D2-32-02. It contains the following sub-objects:

Description	Reference	Type
Label Label to use as name for the remote device. The Engineering Tool uses this	L	Obj\Text; Max chars: 20; Adjustable
EEP Shows the EEP of this output	P	Obj\Text; in the format: XX-XX-XX
Device ID The ID of the device that the output transmits as	ID	Obj\Text
Power Fail	V1	Obj\NoYes; Adjustable
Divisor	V2	Obj\ENum; Adjustable; Range: 0..1 where 0=x/1, 1=x/10
Channel 1	V3	Obj\Num; Adjustable; Range: 0..4095
Channel 2	V4	Obj\Num; Adjustable; Range: 0..4095
Channel 3	V5	Obj\Num; Adjustable; Range: 0..4095

Appendix A: EEPs Supported

The driver supports the following most common EEPs defined in EEP 2.6.3:

RPS Telegrams

F6-02-01
F6-02-02
F6-02-03
F6-02-04
F6-03-01
F6-03-02
F6-04-01
F6-04-02
F6-05-01
F6-10-00
F6-10-01

1BS Telegrams

D5-00-01

4BS Telegrams

A5-02-01
A5-02-02
A5-02-03
A5-02-04
A5-02-05
A5-02-06
A5-02-07
A5-02-08
A5-02-09
A5-02-0A
A5-02-0B
A5-02-10
A5-02-11
A5-02-12
A5-02-13
A5-02-14
A5-02-15
A5-02-16
A5-02-17
A5-02-18
A5-02-19
A5-02-1A
A5-02-1B
A5-02-20
A5-02-30
A5-04-01
A5-04-02
A5-04-03
A5-05-01
A5-06-01
A5-06-02
A5-06-03
A5-07-01
A5-07-02
A5-07-03
A5-08-01
A5-08-02
A5-08-03
A5-09-02
A5-09-04
A5-09-05
A5-09-06
A5-09-07
A5-09-08
A5-09-09
A5-09-0A
A5-09-0B
A5-10-01
A5-10-02
A5-10-03
A5-10-04
A5-10-05
A5-10-06
A5-10-07
A5-10-08
A5-10-09
A5-10-0A
A5-10-0B
A5-10-0C
A5-10-0D
A5-10-10
A5-10-11
A5-10-12
A5-10-13
A5-10-14
A5-10-15
A5-10-16
A5-10-17
A5-10-18
A5-10-19
A5-10-1A
A5-10-1B
A5-10-1C
A5-10-1D
A5-10-1E
A5-10-1F
A5-10-20
A5-10-21
A5-11-01
A5-11-02
A5-11-03
A5-11-04
A5-12-00
A5-12-01
A5-12-02
A5-12-03
A5-12-04
A5-12-05
A5-12-10
A5-14-01
A5-14-02
A5-14-03
A5-14-04
A5-14-05
A5-14-06
A5-20-01
A5-30-01
A5-30-02
A5-30-03
A5-30-04
A5-30-05

VLD Telegrams

D2-32-00
D2-32-01
D2-32-02

If you need an EEP that is currently not documented, just ask North.

Appendix B: Offset-Size-Decode Values

If you need access to non-EEP values, the driver supports offset-size-decode value access, which is a free-format method of accessing bits within the telegram.

Values within the data field in the telegram can be accessed using an object reference O*x*S*y*D*z*, where *x* is the offset of the start bit of the value, *y* is the size of the value in bits, and *z* defines a decode to apply to the value.

Telegram	Maximum x+y
RPS	8
1BS	8
4BS	32
VLD	Variable

The possible *x* and *y* values depend on the telegram type, as each has a different number of bits within the data field of the telegram:

The possible *z* values show below, along with their decode parameters. Typically, the decoder rescales the value of the bits from the range possible in the size specified, to the Value Range. If a Value Range is not specified, the decoder does not rescale. If a Bit Range is specified, the decoder assumes the value of the bits is within that range, and rescales from the Bit Range (Start..End) to the Value Range (Start..End). Notice that some Value Ranges have a Start higher than their End, and some have a Start lower than their End.

Decode	Bit Range	Value Range
0		
1		0..-40
2		10..-30
3		20..-20
4		30..-10
5		40..0
6		50..10
7		60..20
8		70..30
9		80..40
10		90..50
11		100..60
12		30..-50
13		40..-40
14		50..-30
15		60..-20
16		70..-10
17		80..0
18		90..10
19		100..20
20		110..30
21		120..40
22		130..50
23		41.2..-10
24		62.3..-40
25	0..250	0..100
26	0..250	0..40

Decode	Bit Range	Value Range
27		0..100
28		0..40
29	0..250	0..5
30		0..5.1
31	0..250	0..1000
32		0..150
33	0..100	0..100
34		-10..10
35	0..250	-20..60
36		500..1150
37		300..30000
38		600..60000
39		0..510
40		0..1020
41	0..1000	0..1000
42		0..51
43		0..1530
44		0..2550
45		0..2000
46		40..0
47		51.2
48	0..90	0..180
49		0..999
50		0..70
51	0..12	0..12
52	0..99	2000..2099
53	0..23	0..23

Decode	Bit Range	Value Range
54	0..59	0..59
55	0..59	0..59
56		-90..90
57	0..359	0..359
58	0..90	0..90
59	0..100	0..40
60		20..80
61		10..30
62	0..180	-90..90
63		15..3825
64		20..-60
65		-20..60
66	0..250	40..0
67		-40..40
68		-40..80
69		2..5
70		0..6553
71		0..3.3
72	0..255	>209 = Auto >189 = 0 >164 = 1 >144 = 2 >0 = 3

For example, if object O8S4D46 is requested, and the actual 4 bits are 0100, (4 in decimal), the Bit Range is not specified, so is assumed to be 0..15; the Value Range is 40..0, and the value is calculated:

$$V = VR_S+(bitvalue-BR_S)(VR_E-VR_S)/(BR_E-BR_S) = 40+(4)(-40)/(15) = 40-160/15 = 29.3$$

Driver Versions

Version	Build Date	Details
1.0	10/09/2007	Released
2.0	01/11/2017	Large rework incorporating ESP3, supporting new teach-in methods, EEPs, and VLD telegrams

Next Steps…

If you require help, contact support on 01273 694422 or visit *www.northbt.com/support*

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