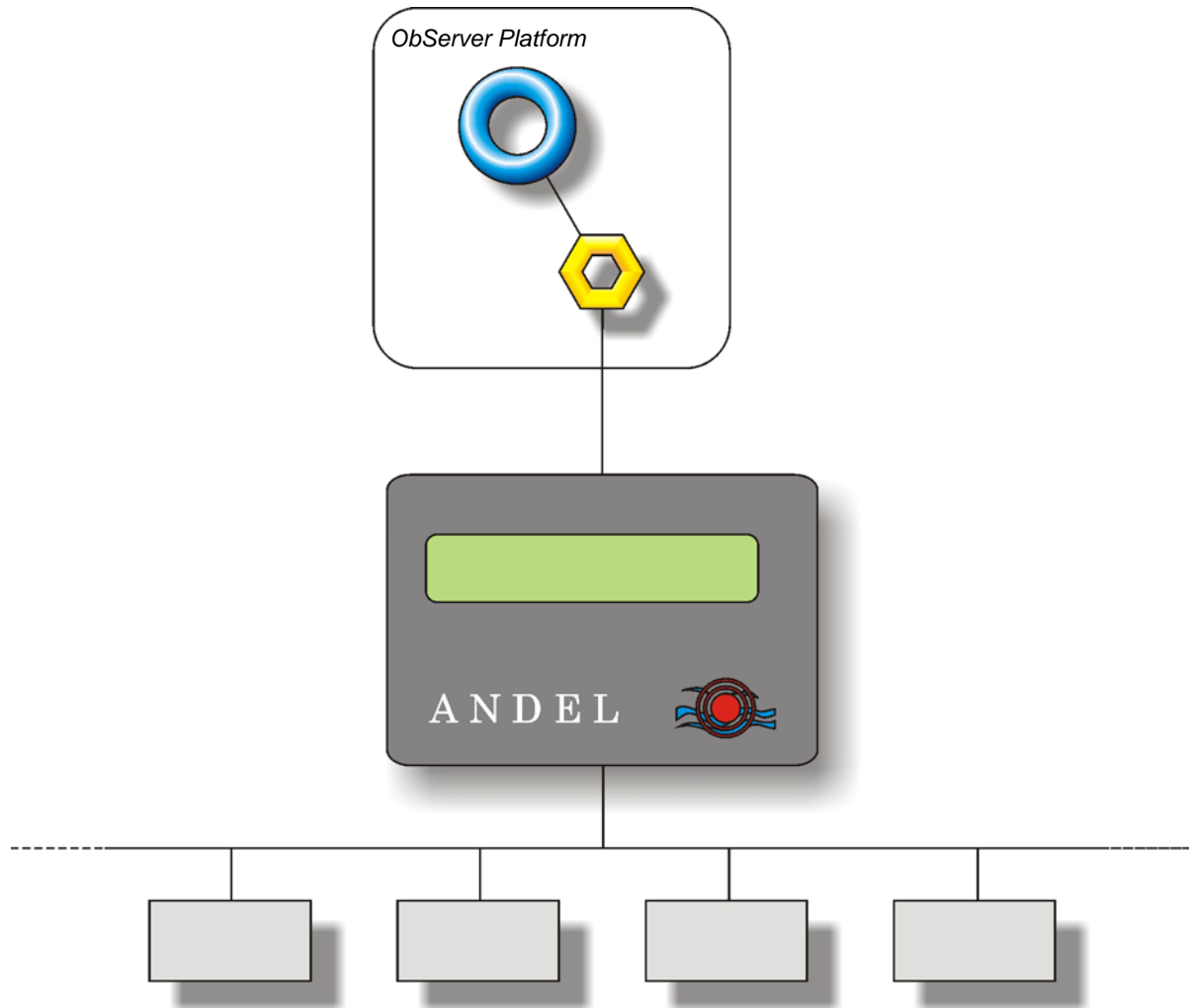


Product Engineering Guide

OSM v20 Andel v10

Introduction

The Andel OSM links the Andel Floodline 128 leak detection system to ObServer. The Andel Floodline 128 system can control a network of leak detection cables and sensors up to a total of 128 zones.



Engineering

Step 1 – Install OSM

The Andel OSM is installed automatically with all ObSys editions. Refer to the 'ObSys CD sleeve' for details on how to install ObSys.

Step 2 – Configure Andel System

The Andel system does not require configuring.

Step 3 – Connect COM Port to Andel System

Using cable, connect the RS232 connector of the Floodline 128 communications module to a COM port of the PC. Refer to the section 'Cable' below for details of the cable.

Step 4 – Plug in Andel OSM to ObServer

Use object engineering software to locate the ObServer Setup object. Assign the Andel OSM to an available channel. Refer to 'ObServer v20 Application Engineering Guide'.

Note: After inserting the OSM, your engineering software may need to re-scan the ObServer object in order to view the OSM.

Step 5 – Configure Andel OSM

The COM port, baudrate, device label, alarm polling facilities, and alarm destination are configured using objects. Use object engineering software to view and modify the module objects within the OSM.

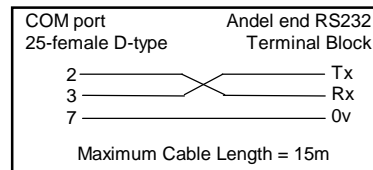
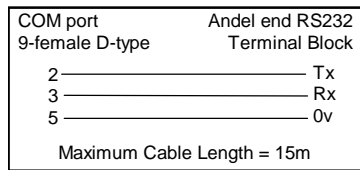
Step 6 – Access Objects within the Andel System

Values from the Andel system are made available as objects from ObServer. Any object software that is connected to the ObServer can access these objects.

Engineering Reference

Cable Specification

The cable between COM port and the RS232 connector of the Floodline 128 communications module is as follows:



Objects

When the OSM is loaded the following objects are created within ObServer, use object software to access these objects.

Object ^[1]	Label	R/W	Type
Sc	Andel System connected to channel <i>c</i>	-	[Andel v10]
Mc	Andel Module connected to channel <i>c</i>	-	[OSM v20\Andel v10]

Notes

[1] The ObServer channel number, *c*, is a number in the range 1...40.