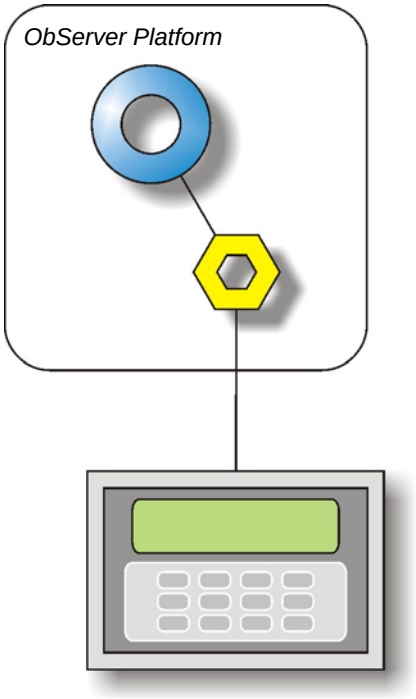
Product Engineering Guide

OSM v20 Veeder v10

Introduction

The Veeder OSM links Veeder-Root TLS-300/350 Leak Detection System to Observer.



Engineering

Step 1 – Install OSM

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

Step 2 – Configure Veeder-Root TLS-300/350 Leak Detection System

DIP switch 2 should be set to the open position, disabling the password and the RS232 end of message should be enabled.

Step 3 – Connect COM Port to Veeder-Root TLS-300/350 Leak Detection System

Using cable, connect the Veeder-Root TLS-300/350 Leak Detection System to a COM port of the PC. Refer to the section ‘Cable’ below for details of the cable.

Step 4 – Plug in Veeder OSM to ObServer

Use object engineering software to locate the ObServer Setup object. Assign the Veeder 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 VeederOSM

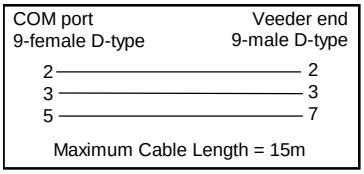
The COM port, baudrate, and byte format are configured using objects. Use object engineering software to view and modify the module objects within the OSM.

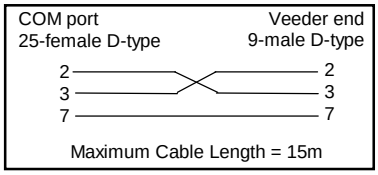
Step 6 – Access Objects within the Veeder-Root TLS-300/350 Leak Detection System

Values from the Veeder-Root TLS-300/350 Leak Detection System are made available as objects from ObServer. Any object software that is connected to the ObServer can access these objects.

Cable Specification

The cable between COM port and the 25 way D-type connector located on the bottem of the Veeder-Root TLS-300/350 Leak Detection System 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***
S*c*	Veeder System connected to channel *c*	-	*[Veeder v10]*
M*c*	Veeder Module connected to channel *c*	-	*[OSM v20\Veeder v10]*

Notes

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