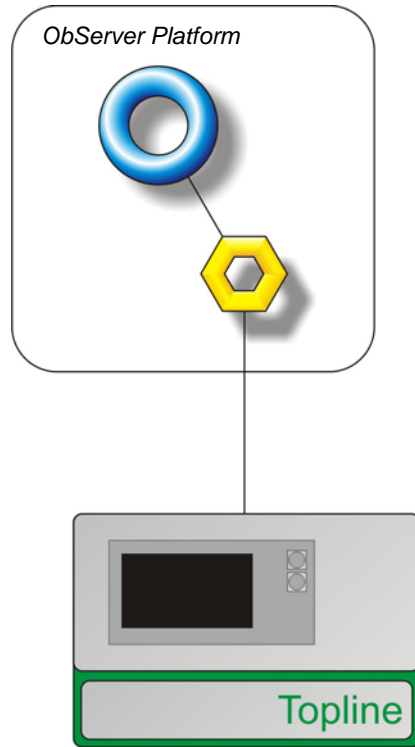


Product Engineering Guide

OSM v20 Topline v10

Introduction

The Topline OSM links the Topline Water Chemistry Control System to ObServer. The Topline OSM allows values to be read from, and written to, the Topline device.



Supported Range

Topline TEC2000 water chemistry control system.

Engineering

Step 1 – Install OSM

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

Step 2 – Connect COM Port to the Topline System

Using cable, connect the 3-way Topline serial to a COM port of the PC. Refer to the section 'Cable' below for details of the cable.

Step 3 – Plug in Topline OSM to ObServer

Use object engineering software to locate the ObServer Setup object. Assign the Topline 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 4 – Configure Topline OSM

The COM port is configured using objects. Use object engineering software to view and modify the objects within the OSM.

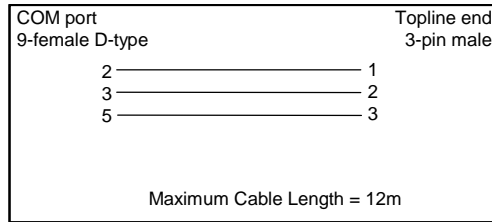
Step 5 – Access Objects within the Topline System

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

Engineering Reference

Cable Specification

The cable between COM port and the Topline serial port 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	Topline System connected to channel <i>c</i>	-	[Topline v10]
Mc	Topline Module connected to channel <i>c</i>	-	[OSM v20\Topline v10]

Notes

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

Notes

Revision History

Version	Build Date	Details
1.0	10/01/2008	Tested driver. Released