QUADBEAM TECHNOLOGIES

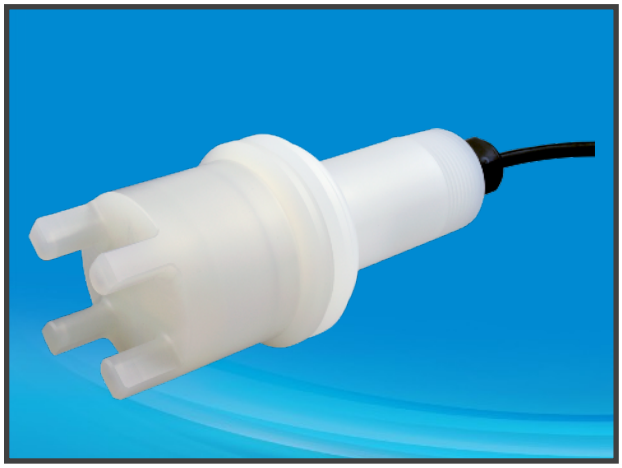
NEXT LEVEL EFFICIENCY

S40-SWW Suspended Solids Sensor

Get better control of your Stormwater run-off. Bringing sophisticated process control suspended solids sensors to Stormwater and Waste.

- Four beam self compensating sensor, virtually eliminates drift due to contamination or electronic ageing.
- Immersion style.
- Simple user interface.
- Accurate, repeatable & reliable.
- Connect directly with 4-20mA and Modbus RS485

S40 Measurement Range, 0 to 2.5g/L normal activated sludge.



S40—SWW

S40-SWW IMMERSION SENSOR
Immersion style sensors are designed for continuous on-line monitoring of suspended solids in Stormwater monitoring and Waste Water installations.

CALIBRATION
Simple 2 point calibration using simple PC USB interface.

Applications include;
- Stormwater sediment runoff monitoring.
- Flocculant dosing and control
- Wastewater monitoring and control

Specifications

Measuring Range
Immersion Sensor:
0 to 2.5 g/L in normal activated sludge
(the measuring range will vary according to media and particle characteristics)

Accuracy
+/- 2% of reading

Repeatability
+/- 1% of reading

Temperature
0 to 50°C operating range

Pressure
5 Bar

Cable:
Polyurethane covered cable rated to 95°C.
Extension cables can be supplied to extend the cable up to 100m.

Outputs;
Modbus RS485 and 1 x solid state relay
or
4-20mA, Modbus RS485 and 1 x solid state relay

Power Requirement:
0.25W at 5V for Modbus only
or
9 to 32V for 4-20mA and Modbus

Model No. Selection Guide

Body Style
S40-SWW- Immersion Style Body

Wave Length
880nm - Standard. Other wave lengths available

Body Material
PP - Polypropylene

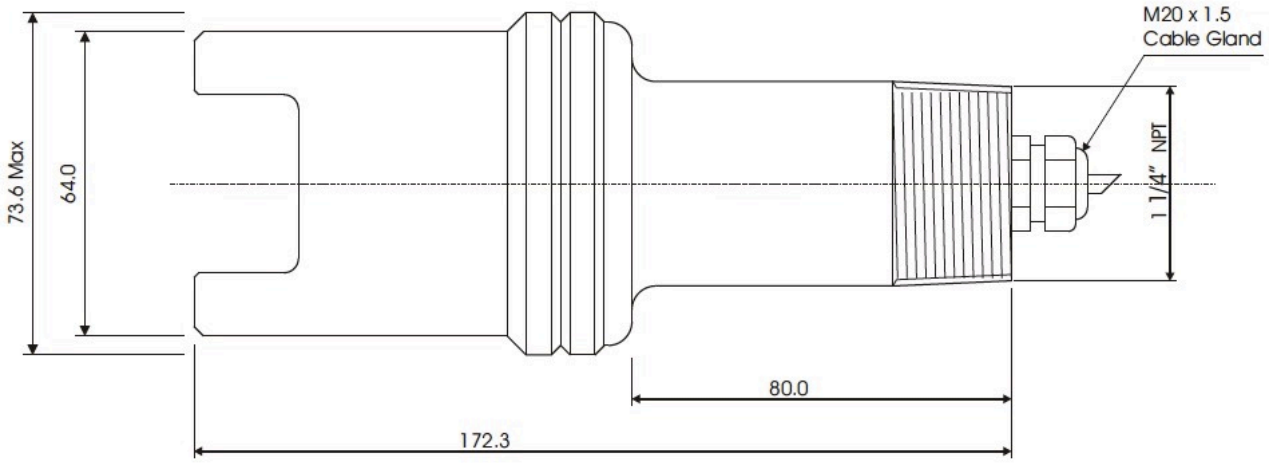
Cable
10- Supplied with a 10m cable as standard. Other lengths available

Connector
NC- No Connector. Cores stripped and crimped for direct connection with power, communications or HMI

Sample model no; S40-SWW-880-PP-10-NC

Optional Extras:
Cleaner - powered using air at 10Bar.

Calibration
Shipped with PC based App and USB Dongle for simple 2 point calibration



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