SPECIFICATION SHEET
REV M

Industrial CPVC Body ORP Sensor
Flat Faced, Double Junction (ORP—FF)

Body Style: 3/4” NPT industrial housing,
Insertion Length: 1.75”/4.5cm
Connector - Cable Length: SN6 connector - 15'/5Meter cable
Maximum distance: 50'/15M unamplified. Use RG174LN coax to lengthen
Use transmitter for 1,000'/300M distance. See page 2
Type: Potentiometric
Range: +/- 1,000mV
Temperature Range: 23 ºF/-5 ºC to 176ºF/80ºC
Zero Point: 0mV
Pressure: Maximum 100psi/7 bar
Controller compatibility Smart AS/Flex, SlimFlex, ProMtrac, MultiFlex, Aegis
To Order: 7761399 Sensor only (no cable)
7760320 Sensor with cable
7760770 Sensor Kit with cable and entry assembly
7760158 Entry assembly
Driver input board, Part OP 7760683 Dual ORP/pH driver

NOTE: Never include low voltage sensors in conduit that contains AC voltages.
Sensor Maintenance:
If deposits on the glass electrode withstand cleaning with a soft, moistened cloth, the following cleaning agents may be used:

- **General deposits**: Non-abrasive household cleaner
- **Scale or metal hydroxides**: Diluted hydrochloric acid, 0.1 to 0.3% for 3 to 5 minutes
- **Oil, grease**: Alcohol
- **Biofouling**: Mixture of diluted hydrochloric acid and pepsin for several hours

Probes must be rinsed thoroughly after having been cleaned. Solvents like acetone must not be used to clean electrodes.

Increase the maximum signal distance. Add an ORP transmitter to the sensor, part number 809127. This will convert the mV signal to a 4-20mA signal and will require a different input driver. Use Driver CII, part number 7760707
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