

SPECIFICATION SHEET REV M

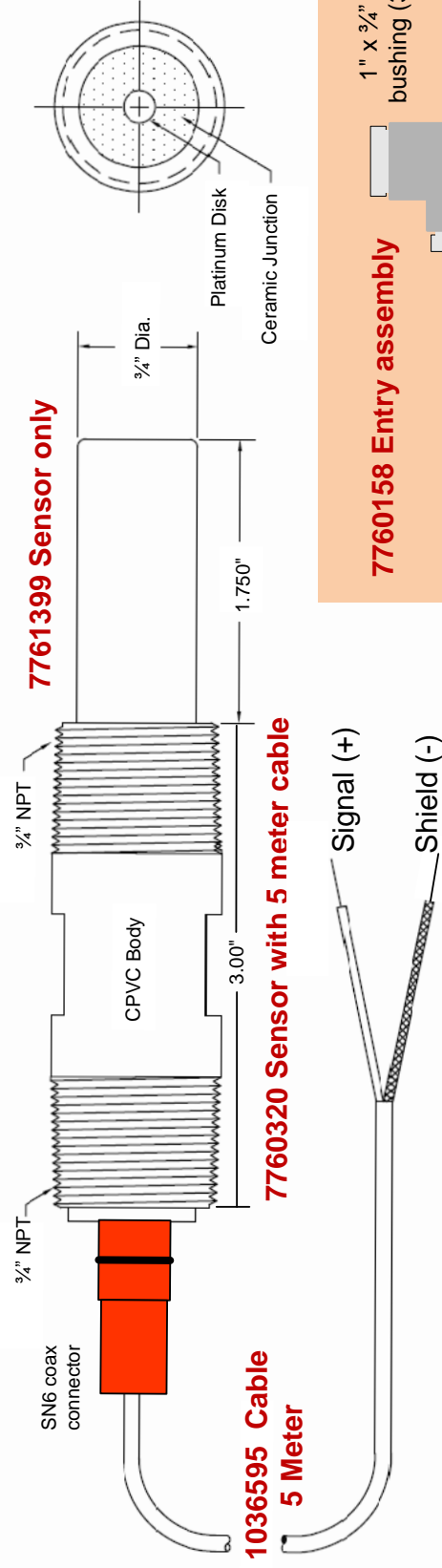
Industrial CPVC Body ORP Sensor Flat Faced, Double Junction (ORP—FF)

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 °F/-5 °C to 176°F/80°C
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.



7760770 Flat face ORP Kit: Sensor, Cable and Entry Assembly



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

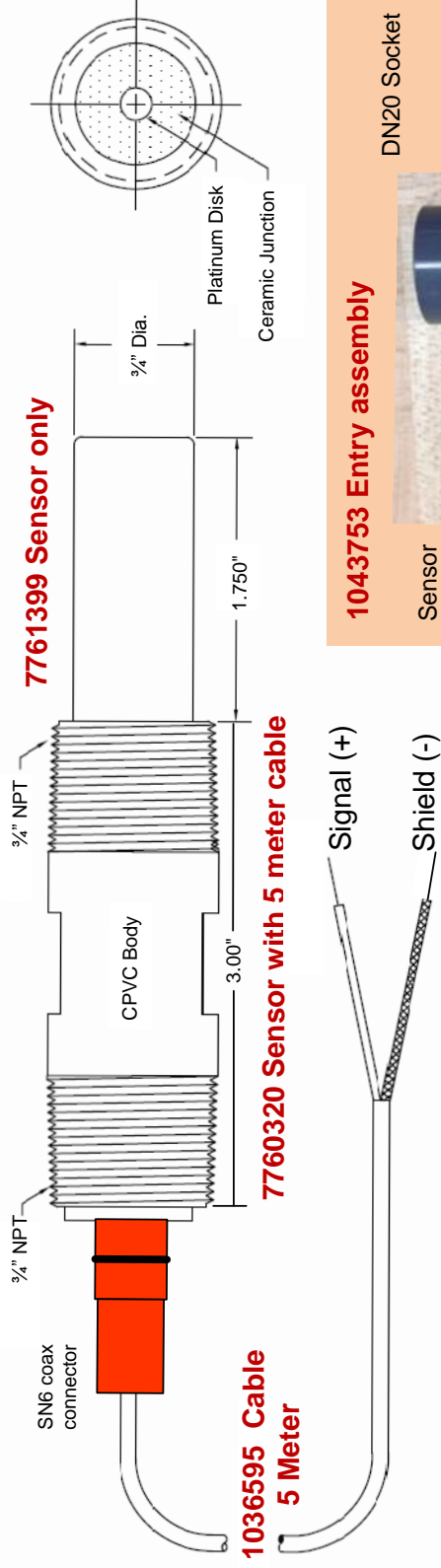
Oil, grease: Alcohol

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

7500822 Metric Flat face ORP Kit: Sensor, Cable and Entry Assembly



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 C11, part number 7760707