Standard MultiFLEX Cooling Conductivity/ Temperature Sensor Rev M

7760200 (Was A261205P)

ProMinent®

¾”MPT

Maximum Temperature 125°F/52°C
Maximum Pressure 125 psi/8.6 bar
Maximum distance 350'/107 meter
Factory cable length 10'/3 meter

Mounted in a ¾” SCH80 PVC union and TeeRange: 0 – 5,000 uS
Controller compatibility: MultiFLEX, Aegis
Requires Part CT driver card (7760783)

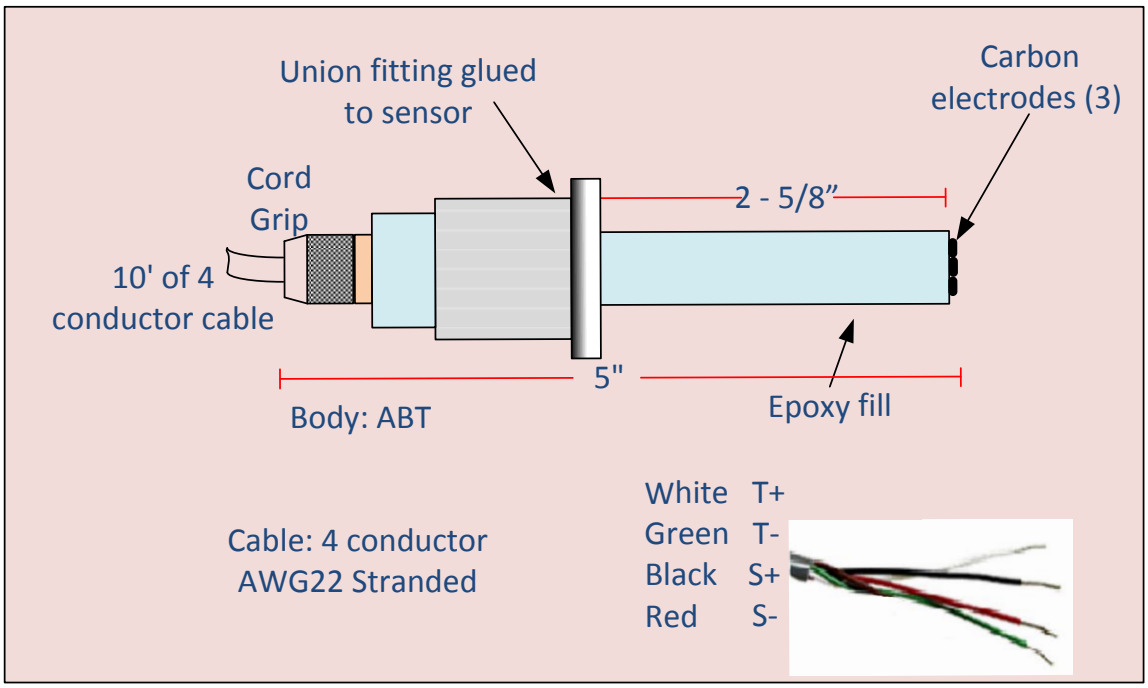
Sensor Maintenance:
If deposits on the electrode withstand cleaning with a soft, moistened cloth, the following cleaning agents may be used:

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

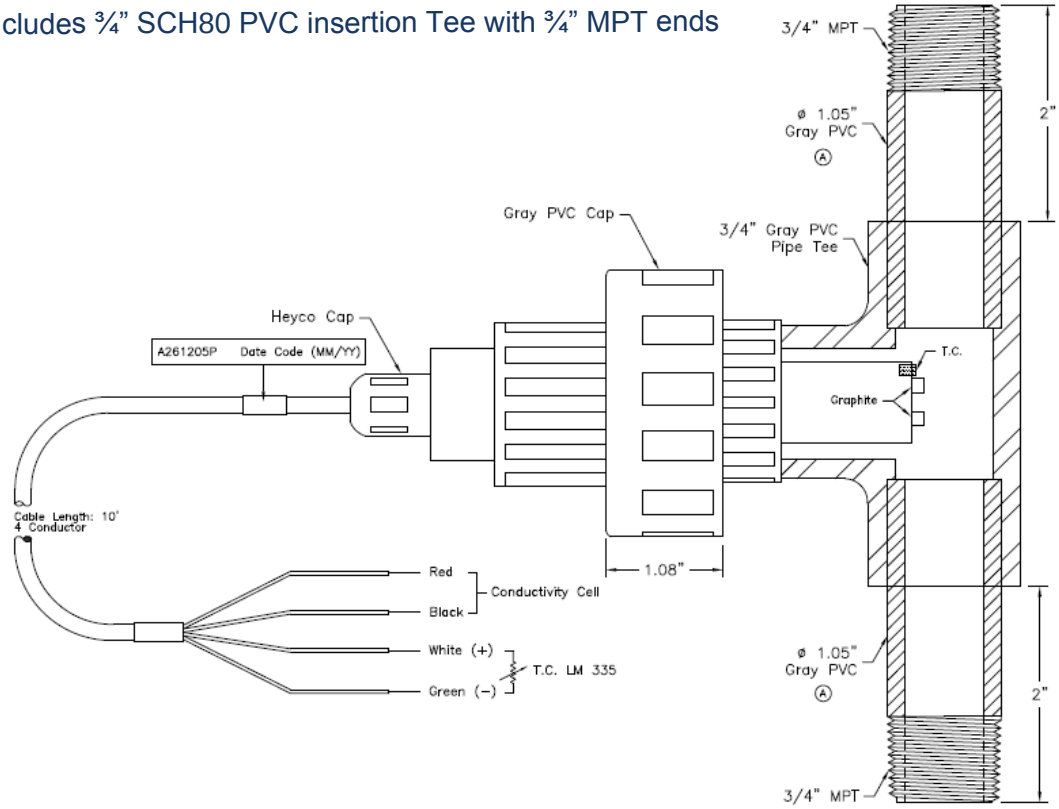
Probes must be rinsed thoroughly after having been cleaned.
Solvents like acetone must not be used to clean electrodes.

7760200 US version Contuctivity kit

Kit includes Conductivity/Temperature sensor and Insertion Tee

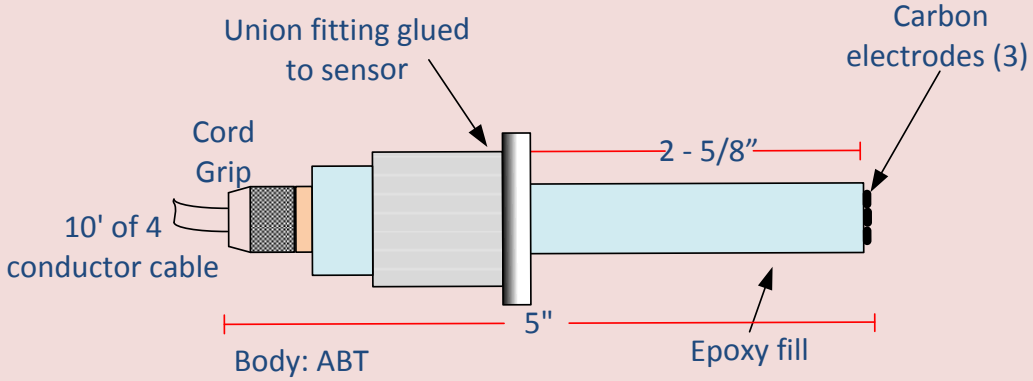


Includes ¾” SCH80 PVC insertion Tee with ¾” MPT ends



7500811 Metric version Conductivity kit

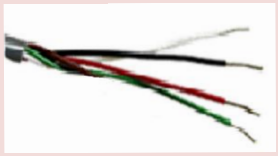
Kit includes Conductivity/Temperature sensor and Metric insertion Tee



Cable: 4 conductor AWG22 Stranded

Sensor Part Number **7760200**

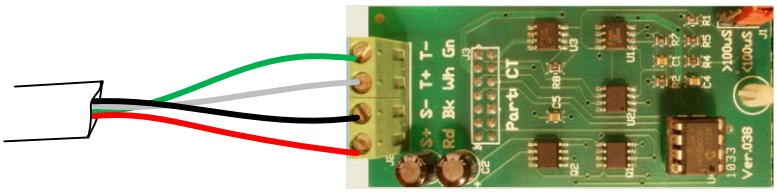
White T+
Green T-
Black S+
Red S-



DN20 PVC insertion Tee with DN20 socket ends

Adapter Part Number **1036737**

CONNECTION TO DRIVER CT



Driver CT part number **7760783**. The driver is not included in either of the above mentioned kits.

Care & Cleaning of Conductivity Sensor:

Verification / Calibration:

Verify Monthly. Clean and calibrate if necessary. Failed calibration after cleaning may require sensor replacement.

NOTE: Calibrating more frequently than every 30 days indicates operating problems. Systems with effective water treatment will operate a year or more between calibrations.

Cleaning:

Whitish or Brown Deposits (scale): Soak sensor tips in diluted (1% to 3%) hydrochloric acid for a few minutes (or until scale deposits dissolve).

Organic Fouling (bio-film or oil contamination): Clean sensor with alcohol, solvents or soap and water.

NOTE: Take care not to drop or bump sensor tips on hard surfaces. Cracked or broken graphite tips will require sensor replacement.

Recommended Preventive Maintenance Replacement Schedule:

The sensor can provide many years of trouble free service. It is recommended the sensor be replaced every 2-3 years if required.

NOTE: Sensors in harsh environments or with debris in the sample stream may require more frequent replacements.

NOTE: The conductivity will measure a very low or zero value if not submersed in water. An erratic reading may be caused by entrained air in the water sample. Closing the inlet or outlet valve will settle a bouncing probe if air bubbles are present.