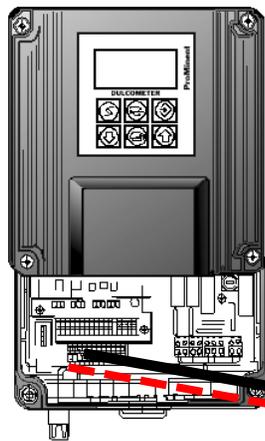


D1C - CTE Quick Start Guide



1

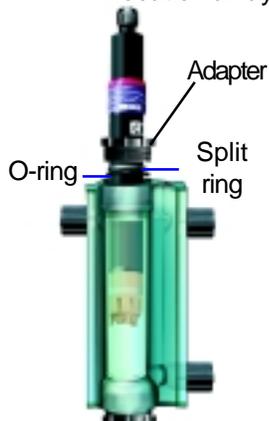
WIRING

1. Place the threaded adapter on the sensor.
2. Attach **BLACK WIRE**  to terminal 2 on the sensor and terminal X2 10 on the D1C.
3. Attach **RED WIRE**  to terminal 1 on the sensor and terminal X2 9 on the D1C.

2

SENSOR

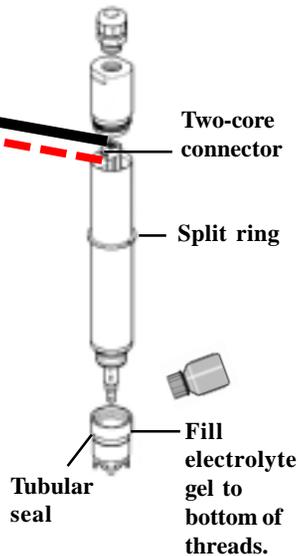
1. Fill the membrane cap with gel to bottom of internal cap threads.
2. Slowly twist on the cap without touching the tubular seal.
3. Wipe off the excess electrolyte.
4. Store electrolyte in a dark location away from sunlight.



3

SENSOR HOLDER

1. Place the split ring on in the groove of the sensor.
2. Place the O-ring on the sensor below the adapter and right below the split ring on the sensor.
3. Place the sensor into the sensor holder and tighten the adapter.
4. Once the cap has been installed the sensor must be keep wet.
5. Recommended maximum 14 psi @ 45° Celsius



calibration Cl
zero p.: 4.00mA
slope 0.90mA/
ppm

enter

calibration Cl
DPD-value:
0.5ppm (A)

enter

calibration Cl
DPD-value:
0.5ppm

Branch back

Permanent
Display menu !

4

CALIBRATION

(should be done in the reduced menu)

1. Press the CHANGE KEY  until "calibration Cl" appears.
2. Press the ENTER KEY . "DPD value" should be blinking.
3. Take a water sample from the line near the sensor and test the total residual chlorine concentration by the most accurate means available on-site (DPD test kit, photometer, spectrophotometer, or titration). This measured value is the standard to which the sensor is calibrated.
4. Press the UP  or DOWN  ARROW KEY to set the Chlorine concentration to match the value obtained from the DPD method. (DPD1 value is used for the free chlorine concentration and DPD4 is used for the total chlorine concentration). Press the ENTER KEY  two times to enter the selection.

5

SETPOINT SETTING

1. Press the CHANGE KEY  until "Control Settings" appears.
2. Press the ENTER KEY  3 times until "Set Point" appears.
3. (the default value) is blinking. Use the UP  and DOWN  ARROW KEY to change the setpoint concentration (ppm) value.
4. Press the ENTER KEY  to enter selection.
5. Push the BRANCH BACK KEY  twice.

6

NOTE:

To set the 4-20 mA output signal range, refer to the operating manual. The unit is sent from the factory in the reduced menu. Read the manual before making any changes.

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