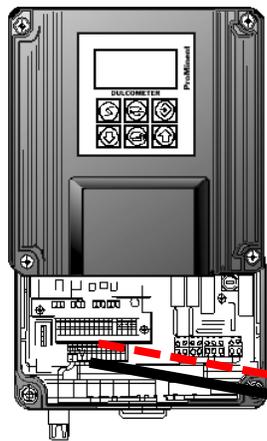


D1C CLE 3.1 QUICK START GUIDE



1

WIRING

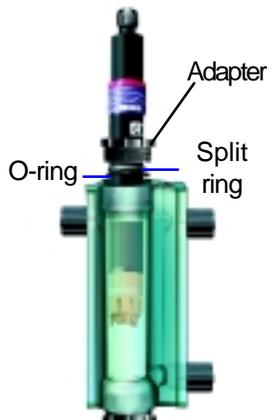
1. Place the threaded adapter on the sensor.
2. Attach **BLACK WIRE** ——— to terminal **2** on the sensor and terminal **X2 - 10** on the D1C.
3. Attach **RED WIRE** - - - - to terminal **1** on the sensor and terminal **X2 - 9** on the D1C.



SENSOR

2

1. Fill the membrane cap with electrolyte.
2. Start to screw the membrane cap to the sensor.
3. Tip the sensor slightly to have the weephole pointing up.
4. Finish screwing the cap to the sensor.



3

SENSOR HOLDER

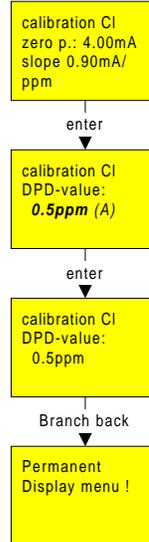
1. Place the split ring in the groove of the sensor.
2. Place the O-ring on the sensor below the adapter and right below the split ring on the sensor.
3. Place the sensor into the sensor holder and tighten the adapter.
4. Once the cap has been installed the sensor must be kept wet.
5. Maximum 14 psi @ 115 F (45 C).

4

CALIBRATION

(should be done in the reduced menu)

1. Press the CHANGE KEY (S) until "calibration Cl" appears.
2. Press the ENTER KEY (E). "DPD value" should be blinking.
3. Take a water sample from the line near the sensor and test the Free 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 (U) or DOWN (D) 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). Press the ENTER KEY (E) two times to enter the selection.



5

SETPOINT SETTING

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