

QUICK START GUIDE - D1Cb

WIRING (see figure 1)

1. Place the threaded adapter on the sensor.
2. Attach **BLACK WIRE** — to terminal 2 on the sensor and terminal XE4-3
3. Attach **CLEAR WIRE** - - - to terminal 1 on the sensor and terminal XE4-4

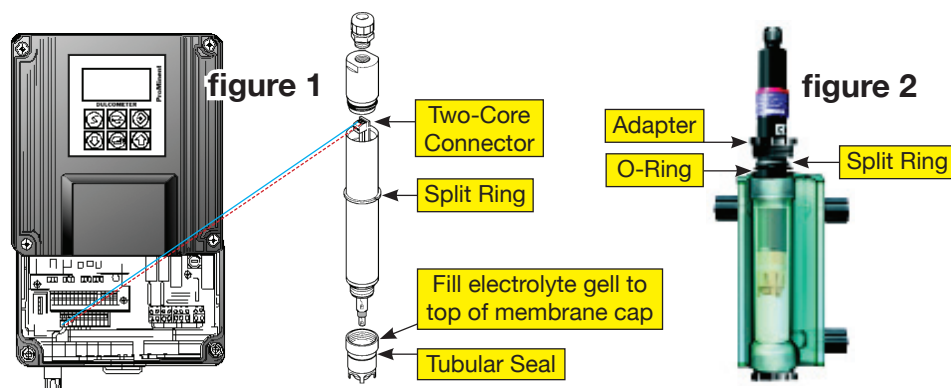
SENSOR (see figure 1)

1. Fill the membrane cap with gel.*
2. Slowly twist on the membrane cap without touching the tubular seal
3. Wipe off the excess electrolyte.
4. Store all electrolyte in a DARK location away from sunlight.

* When filling the CLO chlorine sensor with electrolyte, leave the protective plastic cover on the membrane cap until it has been successfully threaded onto the sensor. The membrane cap has a hole on the tip and the electrolyte will run out if the protective cap is removed before being threaded onto the sensor.

SENSOR HOLDER (see figure 2)

1. Place the split ring in the groove of the sensor.
2. Place the O-ring on the sensor 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 with water flowing past the sensor.
5. Maximum 14 psi @ 115 °F (45 °C)



CALIBRATION

1. Press the **CHANGE KEY** [S] until “calibration Cl” appears.
2. Press the **ENTER KEY** [↵] “The chlorine value should be blinking”
3. Pull 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. To change the chlorine value; the highlighted digit can be changed by pressing the **UP** [↑] or **DOWN** [↓] arrow key. To advance the highlighted digit to the right, press the **CHANGE KEY** [S]. After the correct DPD value has been set, press the **ENTER KEY** [↵] twice.

SETPOINT SETTING

1. Press the **CHANGE KEY** [S] until “Control settings” appears.
2. Press the **ENTER KEY** [↵] 3 times until “Set Point” appears.
3. (The default value is blinking) To change the **SETPOINT**; the highlighted digit can be changed by pressing the **UP** [↑] or **DOWN** [↓] arrow key. To advance the highlighted digit to the right, press the **CHANGE KEY** [S]. After the correct **SETPOINT** has been set, press the **ENTER KEY** [↵].

NOTE

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

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