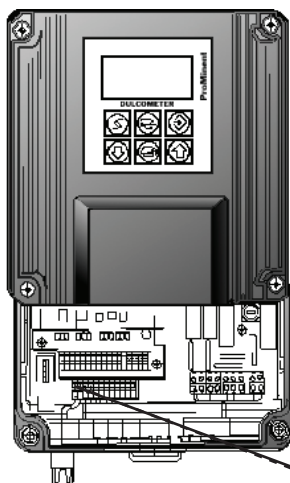


# QUICK START GUIDE



## 1 WIRING

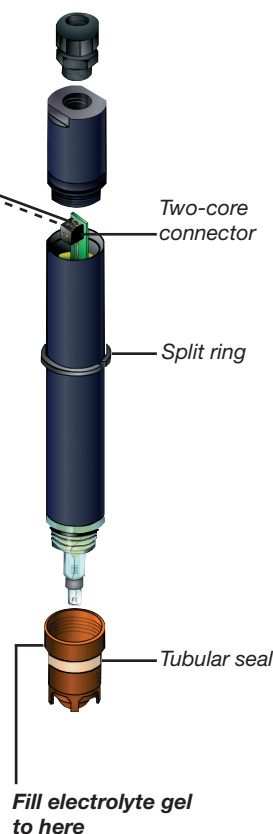
1. Place the threaded adapter on the sensor.
2. Attach **BLACK WIRE** ——— to terminal **2** on the sensor and terminal X2 **10** on the D1C.
3. Attach **CLEAR WIRE** - - - to terminal **1** on the sensor and terminal X2 **9** on the D1C.

## 2 SENSOR

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

## 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 with water flowing past it.
5. Maximum 14 psi @ 115° F (45° C).



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

enter

calibration  
DPD-value: 0.5ppm  
(A)

enter

calibration  
DPD-value: 0.5ppm

Branch Back

Permanent  
Display menu

## 4 CALIBRATION (Should be done in the reduced menu)

1. Press the CHANGE KEY [S] until "calibration" appears.
2. Press the ENTER KEY. [↵] "DPD value" should be blinking
3. Pull a water sample from the line near the sensor and test the residual 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 concentration to match the value obtained from the DPD method. Press the ENTER KEY [↵] two times to enter the selection.

## 5 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. Use the UP [↑] and DOWN [↓] ARROW KEYS to change the setpoint concentration (ppm) value.
4. Press the ENTER KEY [↵] to enter the selection.
5. Push the BRANCH BACK KEY [↶] twice.

## 6 NOTE:

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

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