

P91 Dissolved Oxygen Probe

P91

Description

The sensor consists of a probe to which is fitted a cartridge that contains a precisely stretched permeable membrane, electrodes and electrolyte (p/n P91D). The inexpensive cartridge will provide continuous service for 6 to 12 months and is easily replaced in minutes. The cartridge is supplied hermetically sealed for longer shelf life.

Featured in the system are optional mounting hardware assemblies that provide universal sensor mounting for all aeration basins. The unique flotation mounting assembly is fully adjustable for sensor placement (p/n MHBF). Its flotation ball design minimizes membrane fouling as the surface of the membrane is continuously scrubbed by wave action in the basin. For clean water applications where wave action scrubbing is not required, an economical fixed submersion mounting assembly is available (p/n MHDS).

Technical Data

Measuring Range

D.O. 0 - 20.00 ppm or 0 - 250% saturation
Temperature 0 to 40°C (32 to 104°F)

Temperature Range

0 to 40°C (32 to 104°F)

Wetted Materials

CPVC and Teflon F.E.P. membrane

Transmission Distance

2000 ft (609 m)

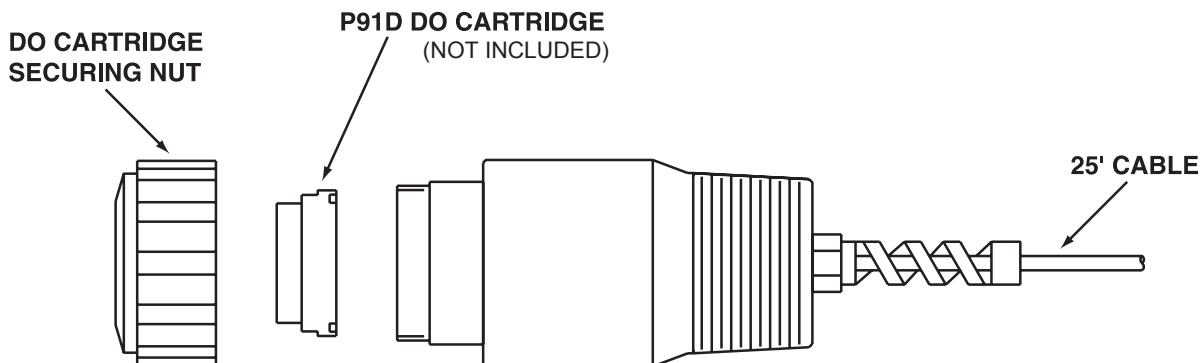
Cable

25 ft. (7.6 m), 6 conductors plus shield

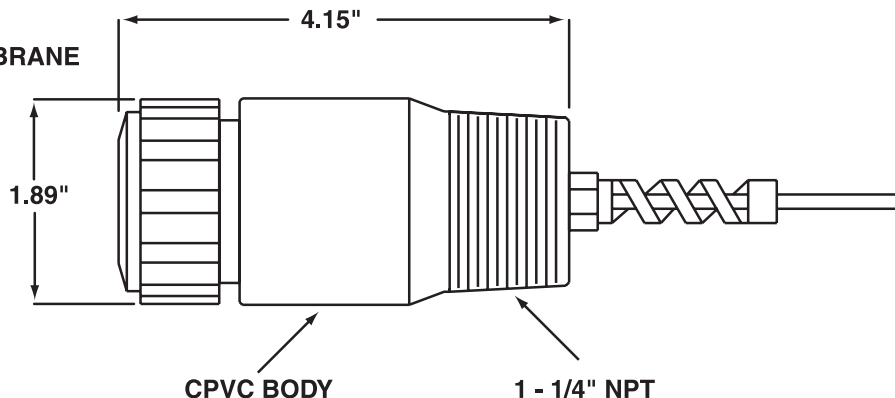
Replacement Cartridge

Part No. P91D (Hermetically sealed)

Dimensions



WETTED MATERIAL:
CPVC, TEFLON F.E.P. MEMBRANE
TEMPERATURE RANGE:
0 - 40°C (32 - 104°F)
CABLE:
25'



AquaMetric

AquaMetric Inc.
22-121 Granton Drive
Richmond Hill ON Canada L4B 3N4

Tel 800.742.1413
905.763.8432
Fax 905.763.9480

Web www.aquamatrix.com
Email sales@aquamatrix.com

N110-17 R3