



Model P91 Dissolved Oxygen Probe



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)

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Wetted Materials

CPVC and Teflon F.E.P. membrane

Transmission Distance

2000 ft (609 m)

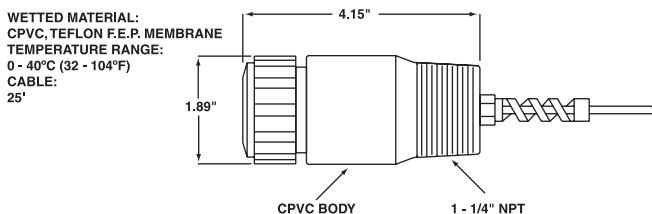
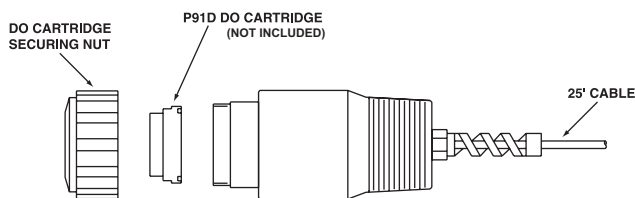
Cable

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

Replacement Cartridge

Part No. P91D (Hermetically sealed)

Dimensions



Related Products

- 2200D1A1 Dissolved Oxygen Controller, 120 Vac, 50/60 Hz Power
- P91D Replaceable cartridge for P91 probe; thick membrane
- MHDS Submersion Mounting Hardware
- MHBF Ball Float Hardware
- FTA2 Inline Mounting Hardware



AquaMetrix Inc.
 www.aquametrix.com
 1-800-742-1413

