



Features

- Dual 4-20mA or 0-5V Output
- Output of %-Saturation and mg/l (PPM)
- No Electrolyte
- Sample Flow Not Required
- Very Rugged
- Replaceable Membrane
- Saltwater Compensation With Toggle
- Not affected by CO₂ or H₂S

Description

Aquametrix has been selling polarographic dissolved oxygen analyzers for over three decades. We have sourced the world for a superior sensor that operates using luminescent technology.

We are now pleased to be able to offer the only optical dissolved oxygen sensor that outputs directly 4-20 mA for the %-saturation and concentration (mg/l or ppm). It can connect to a PLC or the AquaMetrix AM-2300 controller. Optical DO sensors offer advantages over electrochemical DO sensors in that they are inherently self-referencing, require no warm-up period. These sensors do not require constant flow to maintain a stable reading and are less affected by fouling.

Maintenance is trivial. The sensor membrane lasts for approximately 2 years and is inexpensive to replace. The body is corrosion resistant and designed to stand up to the harsh environment of wastewater.

No sensor on the market packs as much into one small package at such an affordable price.

Applications

- Wastewater Treatment
- Sewage
- Boilers
- Fish Farms
- Aquaculture



AquaMetrix
by  Water Analytics

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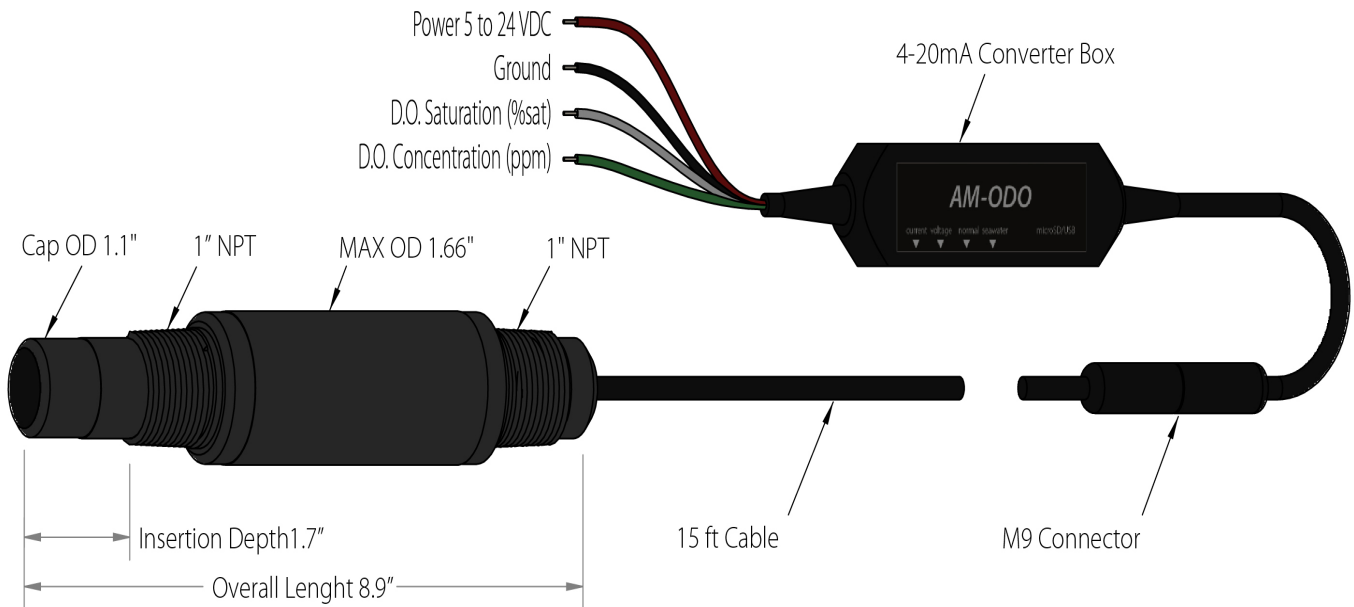
www.WaterAnalytics.net

AM-ODO Optical Dissolved Oxygen Sensor

Technical Data

Measuring Range	0 to 20 ppm (mg/l) 0 to 200% saturation	Wetted Materials	Body: PVC, SS Pin Membrane: Acrylic
Accuracy at 25 °C	±0.1 ppm below 1 ppm ±0.2 ppm above 1 ppm	Power input	5 to 24 VDC
Resolution	0.1 ppm	Output	4-20 mA or 0-5 V
90% Response Time	<30 seconds	Probe Dimensions	8.9" x 1.7" (226 mm x 42 mm)
Operation Temperature	0 to 65 °C	Mounting	1" MNPT on both ends
Storage Temperature	-5 to 65 °C	Cable Length	15ft (4.5 m)
Salinity	Automatic Compensation switch	Warranty	1 years

Dimensions



Related Products

ANALYZERS

AM-2300 Multi-Input Controller

ACCESSORIES

AM-ODO-CAP Replacement membrane cap

AM-ODO-CAL Calibration/Storage cap

AM-ODO-MPR Metal Protector

Ordering Information

AM-ODO-015 Optical Dissolved Oxygen Sensor with 4-20mA direct output and 15ft cable