

# DO1200 and DO1200TC Dissolved Oxygen Sensors




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**Reliable galvanic sensing technology**

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**Compact 12mm design**

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**For portable, laboratory or on-line use**

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**Optional integral ATC element**

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**Easy to use pre-membraned replacement caps**

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The DO1200 and DO1200TC feature dependable galvanic technology. No warm up period is required. Sensors are supplied with fast responding HDPE membrane caps for portable or lab use. Optional PTFE membrane caps are available for on-line or heavy UV exposure applications. Fill solution is replaceable when required.

The DO1200 is supplied without internal temperature compensation. The DO1200TC can be supplied with a variety of user defined ATC elements. Standard cable length is 2.5 feet with a tinned lead termination. Longer cable lengths and connectors are available for an additional charge. For on-line use, our FC75P 3/4 inch in-line fitting may be ordered to provide for mounting into 3/4 inch FNPT threaded tees.

## Specifications

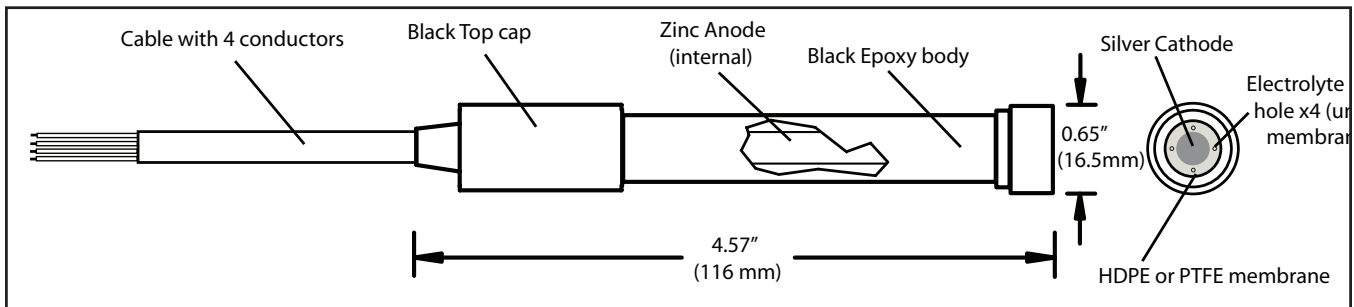
<b>Range</b>	0-20 mg/L
<b>Body Material</b>	Epoxy and Noryl
<b>Max Temperature</b>	50 Degrees C
<b>Saturation Output</b>	HDPE = 47mV +/- 9mV, PTFE = 33mV +/- 9mV
<b>Pressure</b>	0-100 psig (7.5 Bar)
<b>Calibration</b>	Single point in air
<b>Response Time</b>	After Equilibration, HDPE 1 minute for 2mV, PTFE 2 minutes for 2mV

### Parts covered by this product data sheet include:

DO1200/H, DO1200/T, DO1200TC/H, DO1200TC/T,  
971598, 971598TC

## DO1200 and DO1200TC Dissolved Oxygen Sensors

Dependable galvanic technology requires no warm up and is ready for use. Probes can be ordered in required cable lengths and appropriate connectors.



### Ordering Information

DO1200 and DO1200TC Oxygen cells are supplied standard with a 30 inch (76 cm) cable and tinned leads. Special cable lengths and connectors may be specified at an additional charge. For in-line mounting, you must order 971598 or 971598TC (fitting is pre-installed at factory)

#### Model

DO1200/H	Galvanic DO Sensor, HDPE membrane
DO1200TC/H	Galvanic DO Sensor HDPE membrane with ATC - Specify Required ATC Element
DO1200/T	Galvanic DO Sensor, PTFE membrane
DO1200TC/T	Galvanic DO Sensor, PTFE membrane with ATC - Specify Required ATC Element
971598	DO1200/H with pre-installed 3/4" NPT male fitting
971598TC	DO1200TC/H with pre-installed 3/4" NPT male fitting

#### Accessories

DO1200-KIT/H	DO1200 maintenance kit. Includes 1 each premembraned cap (HDPE), 1 each 30mL bottle of filling solution, 1 each 10mL syringe with needle.
DO1200-CAP/H	Replacement membrane cap, with preinstalled HDPE membrane.
DO1200-Cap/T	Replacement membrane cap, with preinstalled PTFE membrane.
DO1200-KIT/T	DO1200 maintenance kit. Includes 1 each premembraned cap (PTFE), 1 each 30mL bottle of filling solution, 1each 10mL syringe with needle.
DO1202	Electrolyte for DO1200, 1 each 4oz. bottle



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