

水下电溶解氧传感器



大容量的解决方案支持长期部署

包含带/不带温度传感器的型号

易于安装和维护

包括毫伏或4-20mA输出型号

该DO6400和7400系列溶解氧传感器，配备了大容量的电解质架，正适配，便于更换膜和可靠的原电池技术，支持长期部署。机身设计确保湿滑时良好的抓握。非常适合养殖和废水监测应用中，这些传感器仅需要最低限度的维护。

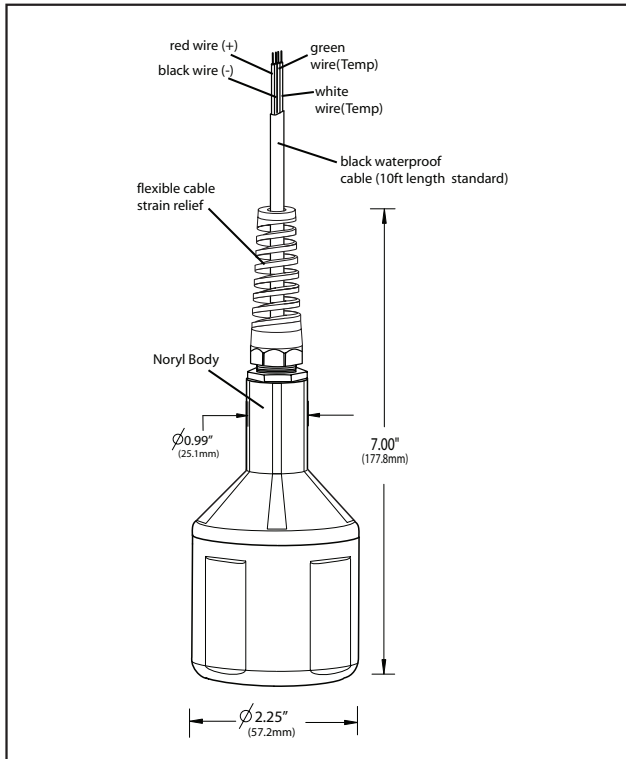
包含PTFE或高密度聚乙烯（HDPE）膜。2片更换膜、安装工具及电解质均包括在内。其他的维护部件在方便工具包中（见订购信息）。传感器毫伏输出和内置的4-20mA输出在0-100%和0-200%饱和度范围内都可用。

规格

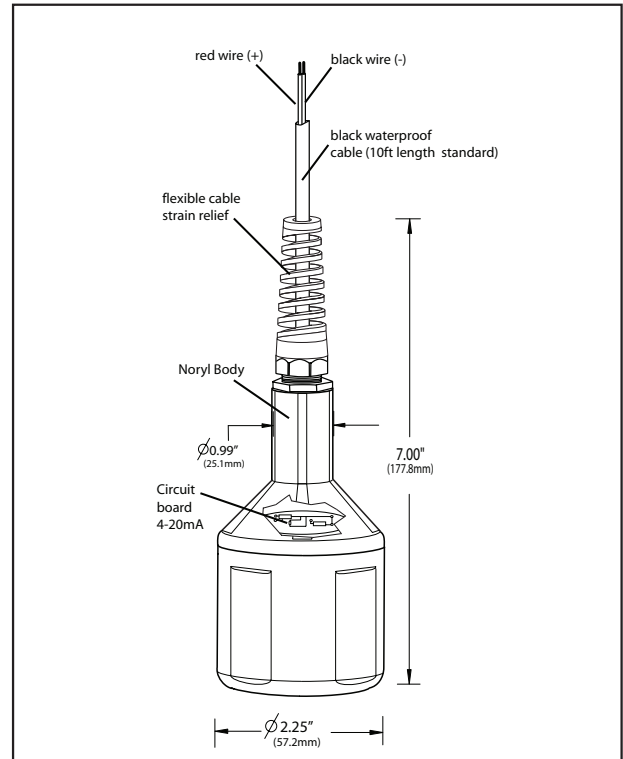
O ₂ 测量范围	DO6400, DO6400TC (0.5-20ppm), DO6441(0-100%), DO6442(0-200%) DO7400, DO7400TC (0.03-20ppm), DO7441(0-100%), DO7442(0-200%)
机体材料	Noryl
阴极	Silver
阳极	Zinc (DO6400 Series), Lead (DO7400 Series)
最高温度	50 Degrees C
电源要求	12-36V DC (for models DO6441, DO6442, DO7441 and DO7442 only)
温度传感器	(用户指定温度元件 连接您的控制器或PLC用于温度输出
线长	3米，锡引脚
最小流量	3厘米每秒
输出@空气饱和	HDPE DO6400 & DO7400 (45mV +/- 9mV) PTFE DO6400 & DO7400 (33mV +/- 9mV) HDPE & PTFE DO6441, DO7441(0-100%) - fixed 4 - 4.5mA = <1 ppm DO HDPE & PTFE DO6441, DO7441 (0-100%)- fixed 18-22 mA = saturated air HDPE & PTFE DO6442- fixed 4 - 4.5mA = <1 ppm DO HDPE & PTFE DO6442- fixed 11-13 mA = saturated air

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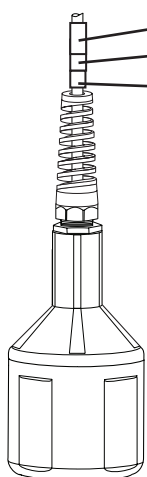
D06400和D07400系列传感器
轮廓图和尺寸



4-20mA 系列传感器
轮廓图和尺寸



如何识别溶解氧传感器



Cable Shrink

Part Number	Shrink Colors		
	#1	#2	#3
DO6400	N/A	N/A	N/A
DO7400	white	N/A	N/A
DO6441	yellow	N/A	N/A
DO6442	green	yellow	N/A
DO7441	yellow	white	N/A
DO7442	green	yellow	white

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ORDERING INFORMATION

Sensors

Part No.	Description
DO6400/H	DO Sensor, HDPE Membrane
DO6400/T	DO Sensor, PTFE Membrane
DO6400TC/H	DO Sensor, HDPE Membrane, supplied with customer specified temperature element
DO6400TC/T	DO Sensor, PTFE Membrane, supplied with customer specified temperature element
DO6441/T	DO Sensor, PTFE Membrane, 4-20mA (0-100% sat.)
DO6442/T	DO Sensor, PTFE Membrane, 4-20mA (0-200% sat.)
DO7400/H	DO Sensor, HDPE Membrane (low range)
DO7400/T	DO Sensor, PTFE Membrane (low range)
DO7400TC/H	DO Sensor, HDPE Membrane, (low range) supplied with customer specified temperature element
DO7400TC/T	DO Sensor, PTFE Membrane, (low range) supplied with customer specified temperature element
DO7441/T	DO Sensor, PTFE Membrane, (low range) 4-20mA (0-100% sat.)
DO7442/T	DO Sensor, PTFE Membrane, (low range) 4-20mA (0-200% sat.)
Note: 1) All DO sensors are shipped dry with membrane preinstalled 2) All DO sensors are shipped with 2 membranes, 2 membrane O-rings, 1 membrane removal tool and 1 each 250mL of electrolyte (enough for about 6 refills).	

Accessories

Part No.	Description
DO6050/H	Membrane maintenance kit for DO6400 Series sensors: 5 each HDPE membranes, 5 each membrane O-rings, 5 each tensioning washer, 1 bottle (500mL) electrolyte, 1 body o-ring
DO6050/T	Membrane maintenance kit for DO6400 Series: 5 each PTFE membranes, 5 each membrane O-rings, 5 each tensioning washer 1 bottle (500mL) electrolyte, 1 body o-ring
DO6051/H	Membrane maintenance kit for DO6400 Series: 25 each HDPE membranes, 25 each membrane O-rings, 25 each tensioning washer, 3 bottles (500mL ea) electrolyte, 5 body o-rings
DO6051/T	Membrane maintenance kit for DO6400 Series 25 each PTFE membranes, 25 each membrane O-rings, 25 each tensioning washer, 3 bottles (500mL ea) electrolyte, 5 body o-rings
DO6052	Spare Parts kit for DO6400 & DO7400 Series sensors. Contains: 2 each membrane lock, 2 each tensioning washer, 2 each body o-rings, 1 membrane replacement tool
DO6054/T	25 each PTFE membranes, 25 each membrane O-rings
DO6054/H	25 each HDPE membranes, 25 each membrane O-rings
DO7050/H	Membrane maintenance kit for DO7400 Series sensors 5 each HDPE membranes, 5 each membrane O-rings, 5 each tensioning washer, 1 bottle (500mL) electrolyte, 1 body o-ring
DO7050/T	Membrane maintenance kit for DO7400 Series 5 each PTFE membranes, 5 each membrane O-rings, 5 each tensioning washer 1 bottle (500mL) electrolyte, 1 body o-ring
DO7051/H	Membrane maintenance kit for DO7400 Series 25 each HDPE membranes, 25 each membrane O-rings, 25 each tensioning washer, 3 bottles (500mL ea) electrolyte, 5 body o-rings
DO7051/T	Membrane maintenance kit for DO7400 Series 25 each PTFE membranes, 25 each membrane O-rings, 25 each tensioning washer, 3 bottles (500mL ea) electrolyte, 5 body o-rings