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Signet 3-2610-XX Paddlewheel Instrumentation Miscellaneous Products

Item#: 159001754 | **Model#:** 3-2610-41 **Series#:** 3-2610-XX

Description:

3-2610-XX 2610 Dissolved Oxygen Sensor

 Price: **USD** ~~\$701⁰⁰~~ **\$461⁴⁷**
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Technical Specification

3-2610-41 Product Specific Data

Description Optical Dissolved Oxygen Sensor (0 to 20 ppm) with S3 L, Modbus, and 4 to 20 mA output

Series Data

Sensor Type	Luminescent dissolved oxygen sensor
Transmitter/Local Display	Optional, not required. Compatible with 8900 and SmartPro instruments
Communications Options	Modbus (RS485), 4 to 20 mA 3-2610-31 and -41, (S3 L) 3-2610-41
Maximum Cable Length	Up to 1219 m (4000 ft) (Modbus and 4 to 20 mA), 38 m (125 ft) (S3 L)
Internal Mounting Thread	1½ NPT
Power Requirements	12 to 24 VDC $\hat{\pm}$ 10% regulated
4 to 20 mA output span	0 to 20 mg/L
Salinity Range	0 to 42 PSU, fixed or real-time capable
pH Range	2 to 10 pH
Barometric Range	507 to 1115 mbar, fixed or real-time capable
Maximum Pressure	300 psi
Range	0 to 20 mg/L concentration, 0 to 200% saturation
Accuracy (DO)	$\hat{\pm}$ 0.1 mg/L, 0 to 8 mg/L, $\hat{\pm}$ 0.2 mg/L, 8 to 20 mg/L
Response Time of Cap	T90: 30 sec, T95: 37 sec @ 25 $\hat{\pm}$ °C
Repeatability	0.05 mg/L
Resolution	0.01 mg/L
Wetted Materials	ABS, Titanium and FPM
Usage Life of Cap	1 year from the first instrument reading
Shelf Life of Cap	24 months from date of manufacture (install within 12 mo. of manufacture)
Operating Temperature	0 $\hat{\pm}$ °C to 50 $\hat{\pm}$ °C (32 $\hat{\pm}$ °F to 122 $\hat{\pm}$ °F)
IP Rating	IP-67 with cap off, IP-68 with cap installed
Compliance	Heavy industrial, IEC 61000-6-2:2005
Storage Conditions, Cap	1 $\hat{\pm}$ °C to 60 $\hat{\pm}$ °C (33 $\hat{\pm}$ °F to 140 $\hat{\pm}$ °F), in factory container
Storage Conditions, Sensor	-5 $\hat{\pm}$ °C to 60 $\hat{\pm}$ °C (23 $\hat{\pm}$ °F to 140 $\hat{\pm}$ °F)

Product Dimensions

Weight	3.39 lb
Width	330.00 mm, 12.99 in
Height	130.00 mm, 5.12 in
Length	330.00 mm, 12.99 in

Technical Documents

Document Title	Download
Datasheet	Click Here to Download
Manual	Click Here to Download

