

Description

The D1430 Hybrid® OxyProbe® amperometric dissolved oxygen (DO) sensor is designed for installation into SU100 series gas wells.

Purchase Information

Part Number	D1430-120-V8
Description	DO sensor for SU100 series gas wells

Classification

Model Type	D1430
Product Type	DO Sensor

Specifications

Measurement

Type	Dissolved Oxygen
Principle	Amperometric
Range	0–500 nA [0–300% SAT]
Drift	≤ 0.1% SAT per day

Operational Range

Temperature	5°–50° C [41°–122° F]
Pressure	0–3750 mmHg [0–72 psig]
Flow Rate	Not applicable

Signal

Input	675 mV Polarization Voltage (from transmitter)
Output	Analog: nAmps Metadata: Digital: SensorTalk®

Sterilization

Autoclavable	Not autoclavable
Steam Sterilizable	Not steam sterilizable
Gamma Sterilizable	Not gamma sterilizable

Connectors and Cables

Connector	8-pin Variopin Disconnect Cap
Cable Length	Not applicable

Process Interface

Insertion Method	Pg13.5 Threaded Retainer Fitting
Insertion Length	120 mm [4.75 inches]

Wetted Materials

Not applicable



Hybrid® OxyProbe® DO Sensor

Packaging and Regulations

Packaging Information

Package Type	Cardboard box
Package Dimensions	20.32 x 10.16 x 5.72 cm [8 in x 4 in x 2.25 in]
Package Weight	< 0.5 kg [1 lb]
Double Bagged	No
Cleanhood Bagged	No
Cleanhood Class	Not applicable
Storage Conditions	Temperature: 5°–35° C [41°–95° F] Humidity: 5–95 RH
Included Accessories	Not applicable
Quality Certificate	Included
Shelf Life	60 months
Shelf Life Post Gamma Sterilization	Not applicable

Origination and Tariff Code

Harmonized Tariff Trade Code	9027803100
Country of Origin	USA
MFR Location	California, USA

Purchasing Information

Unit of Sale	Each
Minimum Purchase Quantity	Each

Regulatory and Compliance

CE Compliant	Yes
RoHS Compliant	Yes
REACH Compliant	Yes
CFR 21-11 Compliant	Not applicable
BSE/TSE/ADI Free	Yes
USP Class VI Compliant	Yes
FDA Material Compliant	Yes

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Doc Nbr: PDS-112010 R4 Published 27 July 2023
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TMP-PDS-112001 R1



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