

Description

The C3030 pCO₂ sensor is designed for the measurement of dissolved CO₂ (pCO₂) when installed in any SU100 series gas well.

Purchase Information

Part Number	C3030-120-V8
Description	pCO ₂ sensor for SU100 series gas wells

Classification

Model Type	C3030
Product Type	pCO ₂ Sensor

Specifications

Measurement

Type	pCO ₂ (Partial Pressure of Dissolved CO ₂)
Principle	Potentiometric, Severinghaus
Range	0–30% SAT [0–250 mmHg]
Drift	≤ 1% per week

Operational Range

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

Signal

Input	Not applicable
Output	Analog: mV Metadata: SensorTalk®

Sterilization

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

Connectors and Cables

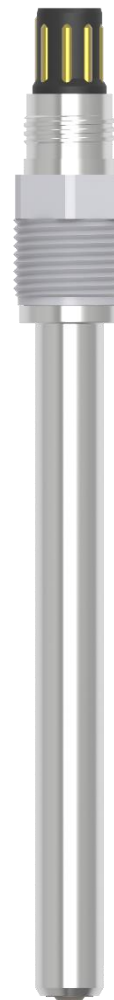
Connector	8-pin Variopin Disconnect Cap
Cable Length	Not applicable

Process Interface

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

Wetted Materials

Not applicable



pCO₂ Sensor for Gas Well

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
Cleanroom Bagged	No
Cleanroom Class	Not applicable
Storage Conditions	Temperature: 5°–35° C [41°–95° F] Humidity: 5–95 RH
Included Accessories	Bottle of buffer electrolyte
Quality Certificate	Included
Shelf Life	Not applicable
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 Compliant	Yes
USP Class VI Compliant	Yes
FDA Material Compliant	Yes

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Doc Nbr: PDS-112011 R3 Published 28 Feb 2022
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TMP-PDS-112001 R1



North America and Pacific

Email: sales@broadleyjames.com
Web: www.broadleyjames.com

Phone: 949-829-5555
Toll-free: 800-288-2833
Fax: 949-829-5560

19 Thomas, Irvine, CA, 92618 USA

United Kingdom and EU Countries

Email: sales@broadleyjames.co.uk
Web: www.broadleyjames.eu

Phone: +44 (0)1525 862518
Fax: +44 (0)1525 862811

Wrest Park, Silsoe, Bedford MK45 4HS, UK