

## Description

The B2030 OptaProbe™ optical dissolved oxygen (DO) sensor is designed for installation into SU100 series gas wells. The sensor features a domed measuring surface optimized for use with the gas wells.

## Purchase Information

Part Number	B2030-120-V8
Description	Optical DO sensor for SU100 series gas wells

## Classification

Model Type	B2030
Product Type	DO Sensor

## Specifications

### Measurement

Type	Dissolved Oxygen
Principle	Optical
Range	0–300% SAT
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	Digital: SensorTalk®

### Sterilization

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

### Connectors and Cables

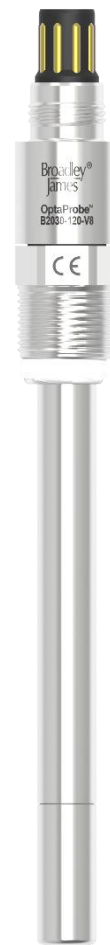
Connector	8-pin Variopin Disconnect Cap
Cable Length	Not applicable

### Process Interface

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

## Wetted Materials

Not applicable



OptaProbe™ Optical 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
Cleanroom Bagged .....	No
Cleanroom Class .....	Not applicable
Storage Conditions .....	Temperature: 5°–35° C [41°–95° F] Humidity: 5–95 RH
Included Accessories .....	N/A
Quality Certificate .....	Included
Shelf Life .....	48 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 Compliant .....	Yes
USP Class VI Compliant .....	Yes
FDA Material Compliant .....	Yes

The contents of this publication are presented for information purposes only, and while every effort has been made to ensure their accuracy, they are not to be construed as warranties or guarantees, express or implied, regarding products or services described herein or in their use or applicability. All sales are governed by our terms and conditions, which are available on request. We reserve the right to modify or improve the design or specification of such products at any time.

Doc Nbr: PDS-112009 R3 Published 28 Feb 2022  
© February 2022 Broadley-James Corporation. All rights reserved. Visit [www.broadley-james.com/trademarks](http://www.broadley-james.com/trademarks) for trademark information.

TMP-PDS-112001 R1



#### North America and Pacific

Email: [sales@broadleyjames.com](mailto:sales@broadleyjames.com)  
Web: [www.broadleyjames.com](http://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](mailto:sales@broadleyjames.co.uk)  
Web: [www.broadleyjames.eu](http://www.broadleyjames.eu)

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

Wrest Park, Silsoe, Bedford MK45 4HS, UK