

Description

The SingleSense™ Single-Use pH Sensor, SU800-16 is designed for preinstallation in a bioprocess container (BPC) with subsequent gamma sterilization.

Purchase Information

Part Number	SU800-16
Description	Single-Use pH Sensor for pre-install in BPC

Classification

Model Type	SU800
Product Type	pH Sensor

Specifications

Measurement

Type	pH
Principle	Potentiometric
Range	2–12 pH
Drift	≤ 0.01 pH per day

Operational Range

Temperature	15°–50° C [60°–122° F]
Pressure	0–776 mmHg [0–15 psi]
Flow Rate	Not applicable

Signal

Input	Not applicable
Output	Sensor: Millivolts: ± 414 Metadata: Digital: SensorTalk™

Sterilization

Autoclavable	No
Steam Sterilizable	No
Gamma Sterilizable	Yes, up to 50 kGy

Connectors and Cables

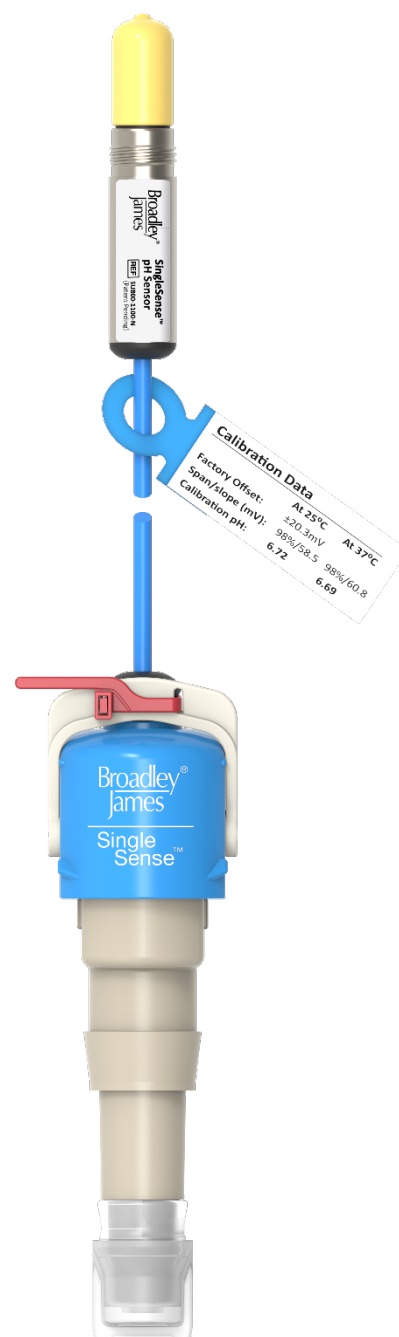
Connector	8-pin Variopin
Cable Length	0.15 m [6 inches]

Process Interface

Insertion Method	1-inch Hose Barb
Insertion Length	13 mm when retracted; 33 mm when extended

Wetted Materials

PEEK, USP Class VI, ADI-Free
Extraction Tested 21CFR, 177.2600, Dimethyl Silicone Rubber, Pt Cure, USP Class VI
Extraction Tested 21CFR, 177.2600, EPDM USP Class VI, FDA Compliant, ADI-Free
Lead-Free Glass, Alumina Silicate



SU800-16 Single-Use pH Sensor

Packaging and Regulations

Packaging Information

Package Type	Cardboard box with double-bagged sensor inside
Package Dimensions	30.48 x 30.48 x 5.08 cm [12 in x 12 in x 2 in]
Package Weight	< 0.5 kg [1 lb]
Double Bagged	Yes, sensor is double-bagged
Cleanroom Bagged	Yes, inner bag only
Cleanroom Class	Class 7 Clean Air Hood
Storage Conditions	Temperature: 5°–35° C [41°–95° F]
Included Accessories	Not applicable
Quality Certificate	Included
Shelf Life	36 months
Shelf Life Post Gamma Sterilization	30 months

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, all wetted parts
FDA Material Compliant.....	Yes, all wetted parts



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