

## Description

The SU800-16-V8 SingleSense™ Single-Use pH Sensor is designed for preinstallation in a bioprocess container (BPC) with subsequent gamma sterilization.

## Purchase Information

Part Number	SU800-16-V8
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°–40° C [60°–104° F]
Pressure	0–776 mmHg [0–15 psig]
Flow Rate	Not applicable

### Signal

Input	Not applicable
Output	Sensor: ±414 mV Metadata: Digital: SensorTalk®

### Sterilization

Autoclavable	Not autoclavable
Steam Sterilizable	Not steam sterilizable
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 88 Class VI, USP 87, ADI-Free  
Extraction Tested 21CFR, 177.2600, Dimethyl Silicone Rubber, Pt Cure, USP 88 Class VI, USP 87  
Extraction Tested 21CFR, 177.2600, EPDM USP 88 Class VI, USP 87  
FDA Compliant, ADI-Free Lead-Free Glass, Alumina Silicate



SU800-16-V8 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 88 Class VI, USP 87 Compliant .....	Yes, all wetted parts
FDA Material Compliant .....	Yes, all wetted parts

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