

Single-Use, Flow-Through pH Sensor  
with 1/4-inch Hose Barbs

## Description

The SU600-04 SingleSense® Single-Use pH Sensor is a flow-through sensor with 1/4-inch hose barbs. Designed for downstream bioprocess applications.

## Purchase Information

|             |                                             |
|-------------|---------------------------------------------|
| Part Number | SU600-04                                    |
| Description | Single-Use Flow-Through pH Sensor, 1/4 inch |

## Classification

|              |           |
|--------------|-----------|
| Model Type   | SU600     |
| 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          | 0–3040 mmHg [0–45 psig]                 |
| Maximum Flow Rate | 3.5 liters/minute [0.92 gallons/minute] |

### Signal

|        |                               |
|--------|-------------------------------|
| Input  | Not applicable                |
| Output | Sensor: Millivolts: $\pm 414$ |

### 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

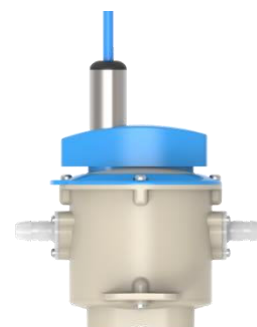
|                  |                     |
|------------------|---------------------|
| Insertion Method | 1/4-inch Hose Barbs |
| Insertion Length | Not applicable      |

## Wetted Materials

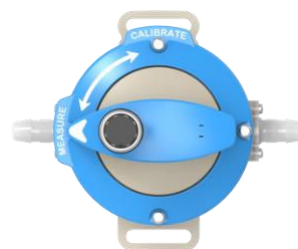
PEEK, USP Class VI, ADI-Free, Extraction Tested  
 Dimethyl Silicone Rubber, Pt Cure, USP Class VI Extraction Tested, 21CFR, 177.2600  
 EPDM USP Class VI, FDA Compliant, ADI-Free  
 HDPE, USP Class VI  
 Lead-Free Glass, Alumina Silicate



Isometric View



Side View



Top View with Dial Face



## 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 ..... &lt; 0.5 kg [1 lb]

Double Bagged ..... Yes, sensor is double-bagged

Cleanhood Bagged ..... Yes, inner bag only

Cleanhood 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 Free ..... Yes

USP Class VI Compliant ..... Yes, all wetted parts

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

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