

Description

The SingleSense® Model SU800 Single-Use pH Sensor is gamma irradiation compatible and designed for pre-installation into a bioprocess container (BPC) via a 1-inch hose barb port. The sensor can be used for upstream and downstream BPC applications including media mixing, buffer preparation, and cell culture in single-use bioreactors.

Model	SU800
Part Number	SU800-16-V8

Sensor Specifications

Measurement Principle	Potentiometric
Output Signal	Analog
Measurement Range	2 - 11 pH
Operating Temperature	4°C - 50°C [39°F - 122°F]
Max Pressure	15 psig
Shelf Life	36 months
Gamma Tolerance Level	50 kGy
Process Connection	1-inch hose barb
Sensor Connector	8-pin Variopin

Wetted Materials

Main Sensor Body	PEEK, USP class VI, USP 87, ADI free
Port Gasket	Dimethyl silicone rubber Pt cure, USP Class VI, USP 87, ADI free
O-ring	EPDM, USP class VI, USP 87, FDA compliant extraction tested 21 CFR 177, ADI free
pH Glass Electrode	Lead-free glass
Ceramic Junction	Alumina silicate

Regulatory Compliance

USP Class VI	Yes, all wetted parts
REACH Compliant	Yes
RoHS Compliant	Yes
BSE/TSE/ADI Free	Yes

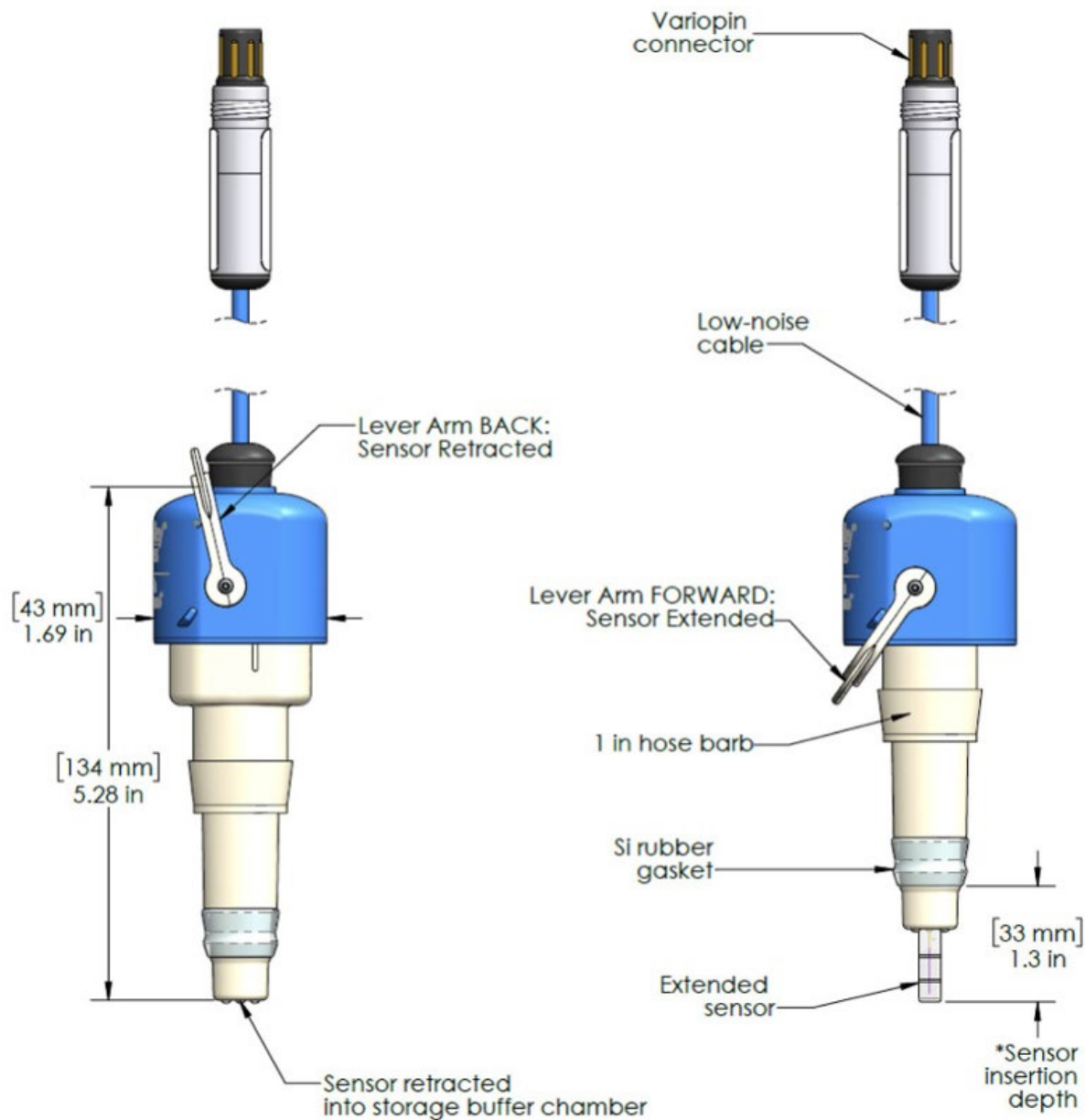


SU800-16-V8 Single-Use pH Sensor

Features

- pH sensor retracts into the buffer storage chamber to enable one-point standardization without the need for sampling
- Sensor can be inserted and retracted multiple times
- Sensor is ready to use with no rehydration or wet-in time required

Dimensional Drawing (SU800-16-V8)



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