

HOME

SP200 pH Glass 12 mm ProcessProbe™

[Specifications](#)
[Ordering Information](#)

Applications:

In-Line & Submersion (with a Housing)

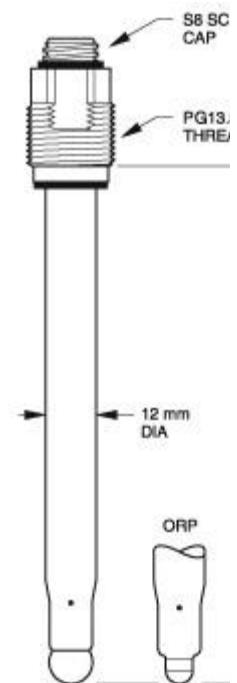
Glass or Polymer Body Sensors with PG13.5 Threads

The SP Series ProcessProbe™ electrodes are available for pH and ORP measurements with a threaded PG13.5 cap. These dimensions make them compatible with many pre-treatment applications. Like all ProcessProbes™, these electrodes are designed to work with brands of existing instruments and cables.

The Double Junction Reference system used in all Broadley-James' ProcessProbes™ reduces fouling the reference. Since the reference is sealed, there is no electrolyte maintenance.

The SP200 has a glass body to withstand temperatures up to 110°C and pressures up to 10 bar. It utilizes the same glass found in DynaProbe® electrodes. The glass formula allows for minimum Sodium ion interference while retaining fast response.

[Housing dimensions](#)



SPECIFICATIONS	
pH Bulb:	HT-3 Formula, Low Sodium Ion Error
Reference:	Silver/Silver Chloride (Ag/AgCl)
Reference Junction:	Precision made junction of specially form
Electrolyte:	3.8 Molar Potassium Chloride (KCl) Gel
Isopotential Point:	pH 7
Output Signal per pH Unit @ 25°C:	Approximately 59 millivolts
Assymetry Potential:	0mV ±20mV
Temperature Range SP200 Series:	Operation: -5 to 110°C
Stability:	Drift of less than 0.002 pH over 24 hours
Response Time at 98% of readout in:	25°C less than 15 seconds
Response Time at 98% of readout in:	37°C less than 10 seconds
Max Pressure SP200 Series:	10 bar (atm), 150 psig
Connector:	Standard Pg13.5 threaded cap with -S8 c
Wetted Materials SP200 Series:	Glass, Ceramic
Under laboratory Conditions For High Pressure and/or High Temperature applications, request literature on Broadle	

STANDARD PARTS

SP100 Series ProcessProbe™ Sensors Polymer Body

Part Number	Length
SP100-4330-DH	120 mm
SP100-4PB0-DH	120 mm

SP200 Series ProcessProbe™ Sensors Glass Body

Part Number	Length
SP200-2330-DH	120 mm
SP200-2PB0-DH	120 mm

Housings, cables, accessories, and instruments are also available. Please contact us for a numbers below.

[Back to Top](#)

[Home](#) | [Products](#) | [FAQs](#) | [Documents](#) | [Tech Support](#) | [C](#)

USA and Canada: Broadley-James Corp. (800) 21
Copyright 2010 Broadley-James®. All Rights Reserved