

pH and ORP Electrodes for Online Process Monitoring



Digital Communication for More Process Visibility:

- Modbus and 4-20 mA output options now available
- Configuration and calibration can be done using web based software

Long Lasting Sensor Life

- Double junction prevents reference contamination
- Flat glass measurement surface reduces the threat of breakage

Versatile Sensor for a Variety of Applications

- Reliable performance in demanding applications
- Recommended applications include: chemical processing, industrial water treatment, potable water systems, boiler feedwater, and municipal wastewater plants

Specifications

pH Measurement Range	0-14 pH (Sodium ion error when $12.3 < \text{pH}$), Modbus (0-14pH) for -MB models
ORP Measurement Range	$\pm 2000\text{mV}$, Modbus (-2000 to + 2000mV) for -MB models
Body Material	Ryton® Polyphenylene Sulfide (PPS)
Temperature Range	0-100°C (32-212°F) 70°C with Modbus models
Pressure Maximum	100 psig
Cable Length/	Connector 3m (10ft) Standard or Custom (by request) BNC or Tinned Leads Standard or Custom (by request), Tinned leads standard for -MB models
Process Connection	3/4" NPT Threaded

Parts covered in this data sheet include: S272CD, S272CDTC, S272CD-ORP, S272CDTC-MB2, S272CD-ORP-MB2

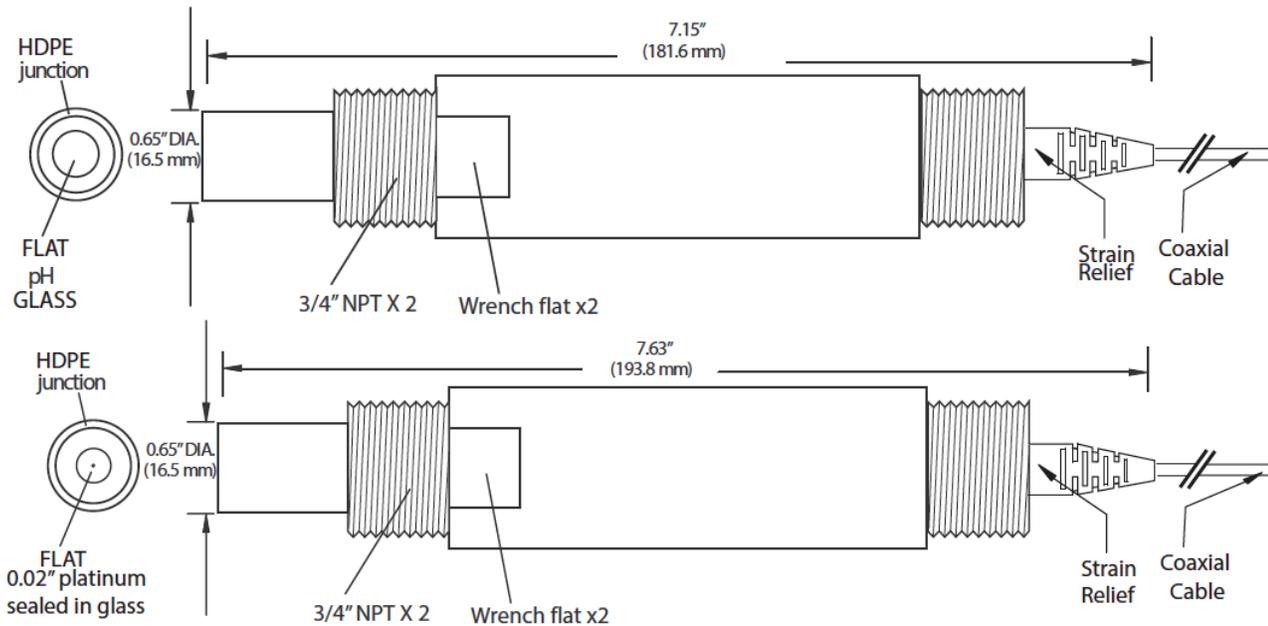
DESIGNED AND ASSEMBLED IN CALIFORNIA, USA

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Dimensional Views

S272CD / S272CDTC S272CD-ORP



Ordering Information

Part #	Description
S272CD	Ryton® body in-line pH electrode with 3 m cable, tinned tead or BNC connector
S272CDTC	Ryton® body in-line pH electrode with 3 m cable (built in ATC), tinned tead or BNC connector
S272CD-ORP	Ryton® body in-line ORP electrode with 3 m cable, tinned tead or BNC connector
S272CDTC-MA	Ryton® body in-line pH electrode with 3 m cable, tinned teads, 4-20mA = 0-14pH
S272CD-ORP-MA	Ryton® body in-line ORP electrode with 3 m cable, tinned teads, 4-20mA = 0-14pH
S272CDTC-MB2**	Ryton® body in-line pH electrode with 3 m cable, tinned leads, Modbus 485 output
S272CD-ORP-MB2**	Ryton® body in-line ORP electrode with 3 m cable, tinned leads, Modbus 485 output
CALBOX	Interface to calibrate, configure, and monitor sensor with a USB connection

NOTE: ** Also available with 12V DC power option. Contact Sensorex for details.

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