

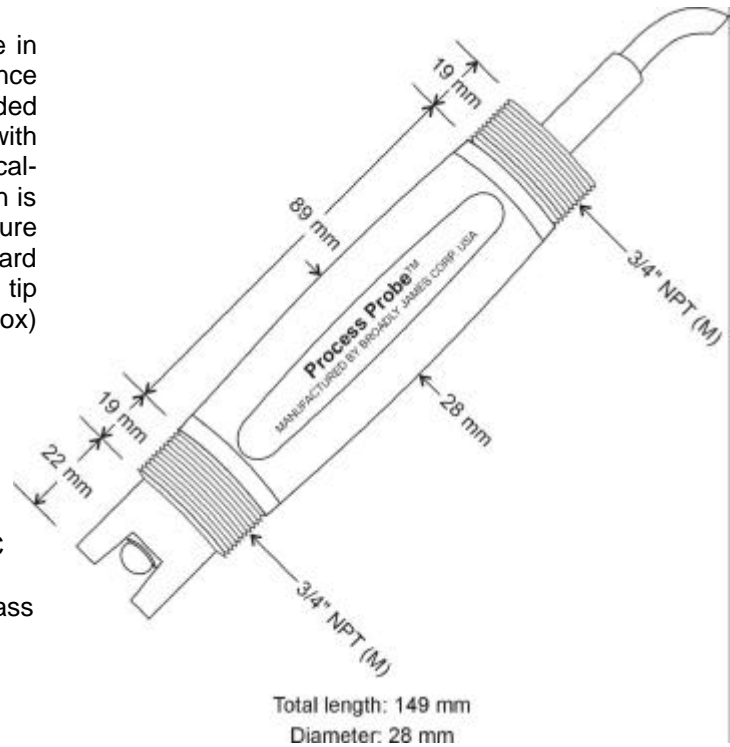
pH and ORP Sensors for the Process Industries Model S400

Features:

These sensors are designed for rugged service in submersion or on-line applications. The reference cell features a Double Junction design for extended service life in harsh applications. The body, with integral pipe threads, is molded from chemical-resistant Ryton (PPS) and the reference junction is porous Teflon or ceramic. Built-in temperature compensators are available. Optional sensor guard on the front of the sensor protects the sensor tip from impact. Sensor also available in ORP (Redox) version.

Specifications:

pH Range : 0 - 14 pH
 ORP Range : ± 5000 mV
 Temperature Range : 0 - 105°C
 Max Pressure/Temp : 150 psig at 100°C
 Reference : Ag-AgCl
 Wetted Materials : Ryton, Teflon, Glass
 Standard Cable Length : 10 ft.



Maximum Flow Rate:

10 ft. (3 m) per second

Output Impedance:

< 250 meg ohms at 25°C

Chemical-resistant Wetted Materials:

These high quality sensors are constructed of corrosion-resistant wetted materials including Ryton®, Teflon® and glass.

Coaxial Porous Teflon Reference Junction:

The large annular junction resists fouling. Also, the sealed, double-junction reference electrode is highly resistant to poisoning.

Options Include:

- Built-in temperature compensation
- Built-in solution ground
- Custom cable lengths
- Choice of cable connectors

*Suitable for High Temperature Applications Compatible
 With Most pH and ORP Analysers*

Ryton® is a Phillips Chemical Co. Trademark & Teflon® is a DuPont Co. Trademark

pH/ORP (REDOX)