

pH and ORP Sensors for the Process Industries

These probes 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 thread, is molded with chemical resistant Ryton (PPS) and the reference junction is porous Teflon or ceramic. Build-in temperature compensation are available. Optional sensor guard on the front of the sensor protects the sensor tip from impact. Sensor also available in ORP (Redox) Version.

In-line and submersion application as well as built-in temperature compensation, three models available: In-line, Flat bulb and Extended insertion.



Chemical Resistant Wetted Materials

These high quality sensors are constructed of corrosion-resistant wetted materials including Ryton®, Teflon® and glass. Suitable for high temperature applications and Compatible with most pH and ORP Analyzers.



Application: In-Line & Submersion

Maximum Flow Rate: 3 meters (10 ft) per second

Coaxial Porous Teflon® Reference Junction: The large annular junction resists fouling. Also, the sealed, double-junction reference electrode is highly resistant to poisoning.



Specification

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|-------------------------|-------------------------|
| pH Range | 0 – 14 pH |
| ORP Range | ± 5000 mV |
| Temperature Range | 0 -105° C |
| Max Pressure/Temp | 150 psig at 100° C |
| Fittings | 3/4" and 1" NPT threads |
| Reference | Ag-AgCl |
| Wetted Material | Ryton, Teflon, Glass |
| Cable length..... | 3 Meter |

OPTIONS included:

1. Built-in temperature compensation
2. Build-in solution ground
3. custom cable length
4. Choice of cable connectors

