

Model S400

[Specifications](#)

[Ordering Information](#)

Applications:

In-Line & Submersion

Maximum Flow Rate:

10 ft (3 m) per second

Output Impedance:

< 250 megohms at 25°C

Chemical-Resistant Wetted Materials

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

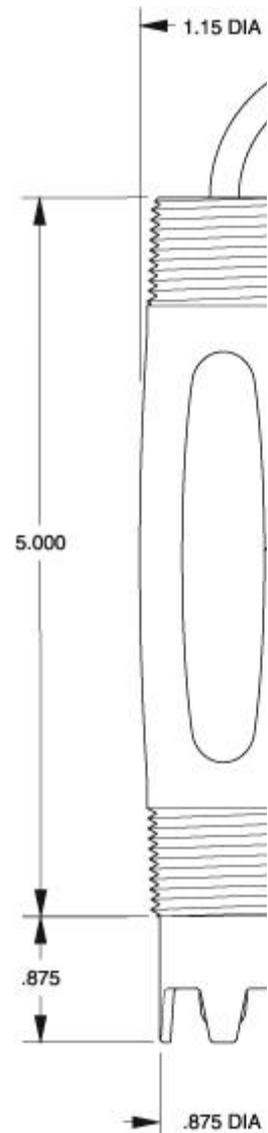
Coaxial Porous Teflon® Reference Junction

The large annular junction resists fouling. Additionally, 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

SPECIFICATIONS	
pH Range	0–14 pH Range
ORP Range	± 5000 mV
Temp Range	0–105°C
Max Pressure/Temp	150 psig at 100°C



Reference	Ag/AgCl
Wetted Materials	Ryton, Teflon and Glass
Standard cable length	10 feet

Before you call to place your order, please print out this page and fill in this PART# BOX by selecting from options below. Boxes 1-10 must be filled in.

Part #	1	2	—	3	4	5	6	7	—	8	9	10	11	12
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OPTIONS — Check options 1-10 below to complete PART# BOX above.

1 — 2 Body Style

[00] Standard Insertion, Guarded Bulb, 3/4" NPT. Not available w/Flat Bulb or Recess

3 — Body Material

- [R] Ryton®
- [G] Grounded *(see note below)

4 — Liquid Junction:

[T] Coaxial Teflon®

5 — 6 Measurement Electrode:

- [33] pH, HT-3 Rugged Dome Bulb
- [43] pH, HT-4 High pH Bulb (for pH 13 and above)
- [PB] ORP, Platinum Band

7 — Temperature Compensator:

- [0] T.C. not required
- [1] 3K Ohms, used on older models of TBI/Bailey & Uniloc transmitters
- [9] 301 Ohms for use with older Great Lakes models, such as 60, 70, 90, 570 and 690
- [D] Pt 100 Ohms for Rosemount (Uniloc) Model 1054, Beckman SoluComp, TBI/Baile Models 870 & 874, Yokogawa and many European models
- [H] Pt 1000 Ohms for Yokogawa, Conducta, Polymetron and many European models

8 — Cable Type:

- [A] 3 mm Low Noise Coax, for pH without built-in TC, or for ORP
- [M] 5 mm Low Noise Coax, for pH without built-in TC, or for ORP
- [E] Jacketed Coax w/ TC leads

- [N] Jacketed Coax w/ TC and solution ground leads

9 — 10 Cable Length:

- [10] 10 ft - standard length
- [XX] Specify length (in feet) if other than standard (see above for price adder per foot)

11 — 12 Sensor Connectors:

- [BC] BNC only (for use with ORP electrodes or with sensors w/o TC or solution ground)
- [FB] BNC for pH and Ferrules on all other leads (for use with Terminal Block or Terminal Strip)
- [FF] All Ferrule connectors (for use with Terminal Block or Terminal Strip)

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