Fluid Sensors
pH Sensor 2750

Detailed Technical Data
Model: 2750

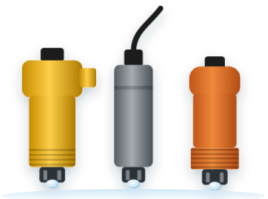
Features

Medium	Water/fluids
Use	pH measurement
Purpose	Multi-purpose, industrial
Cable/wiring required	3-wire shielded 22 AWG
Connection	Wire end
pH range	0.00-14.00 pH
Installation locations	Submergence or inline
Storage conditions	-4°- 185°F (-20°- 85°C) wetted cap installed



Mechanical

Probe face	Flat
Body MOC	CPVC
Sensor design	Double junction
Connection, piping	Locking coupling to transmitter and junction box
Junction MOC	Cricoid Teflon
Size	12.5”L X 1”D (317.5mm X 26mm)
Reference type	Ag/AgCl
Refillable	No
Temperature sensor	30k
Operating temperature range	14°- 185°F (-10°-85°C)
Pressure maximum	100 psi
Shipping weight	1.5 lb



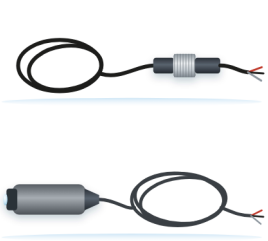
Electronics

Supply voltage	12-24 VDC current loop with monitor/transmitter
Temperature drift	±0.002 pH per C°
Output signal	4-20mA

The 2750 pH sensor delivers reliable online monitoring for in-line or submersion installations. The sensor is designed to extend sensor lifetime with double-junction technology and durable CPVC body. Minimal maintenance is required due to flat glass probe face. A NEMA 4X/IP66 enclosure protects for multi-purpose industrial installations.

- **Reliable function in demanding applications:** Flowing liquids clean the flat probe surface
- **Four part design:** Junction box, extension, preamp and probe, allows easy cleaning and replacement of probe

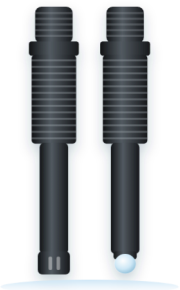
Preamp



Junction box



Replacement probes



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