Fluid Sensors
pH Sensor ID4520

Detailed Technical Data
Model: ID4520FT

Features

Medium	Water/fluids
Use	pH measurement
Purpose	Multi-purpose, moderate
Cable	16’ (5M) with cable strain relief
Connection	BNC or leads
pH range	0-14 pH
Installation locations	Submergence or inline
Storage conditions	59°- 86°F (15°-30°C) wetted cap installed



Mechanical

Probe face	Flat
Body MOC	GFRPP
Sensor design	Double junction
Connection, piping	¾” top and bottom
Junction MOC	Cricoid Teflon
Size	5.5”L X 1”D (140 X 26mm)
Reference type	Ag/AgCl
Refillable	No
Temperature sensor	30k
Operating temperature range	32°- 176°F (0°-80°C)
Pressure maximum	100 psi
Shipping weight	0.5 lb

Electronics

Supply voltage	By monitor/transmitter
Temperature compensation	1000Ω RTD, 100Ω RTD, None

The ID4520 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 GFRPP body. Minimal maintenance is required due to flat glass probe face. A forgiving sensor for moderate and multi-purpose applications.

- **Reliable function in demanding applications:** Flowing liquids clean the flat probe surface
- **Extend lifetime:** Double junction technology prevents reference contamination
- **Durable for many applications:** 3/4″ NPT threads on both ends for mounting connection

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