

# InchTrode




Specifications	
Measuring range	0 to 14 pH
Process temperature	-10 to 130 °C (flat membrane) 0 to 130 °C (cylindrical membrane)
Pressure range (relative to ambient)	0 to 10 bar (25 °C) 0 to 6 bar (130 °C)
pH glass	HF (flat membrane) PHI (cylindrical membrane)
Electrolyte	Polisolve
Reference system	Everef-L
Diaphragm	Single Pore
Temperature sensor	Pt1000 in VP version Pt100 in fix cable version

For more specifications see [www.hamiltoncompany.com](http://www.hamiltoncompany.com)

The InchTrode sensors are designed to measure pH in demanding applications in the paper making as well as in the chemical industries. The Single Pore liquid junction guarantees the best and fast measuring results because of direct contact between the sample and the Polisolve electrolyte.

The InchTrode sensors are easy to install without additional housing and have a robust PEEK shaft.

“  Did you know... that the InchTrode is available in two different sizes and with different membrane shapes? ”

### Benefits

- ▶ Single Pore for direct sample contact with Polisolve electrolyte – no clogging
- ▶ Very long-lasting reference system
- ▶ Robust PEEK shaft
- ▶ Simple installation without additional housing

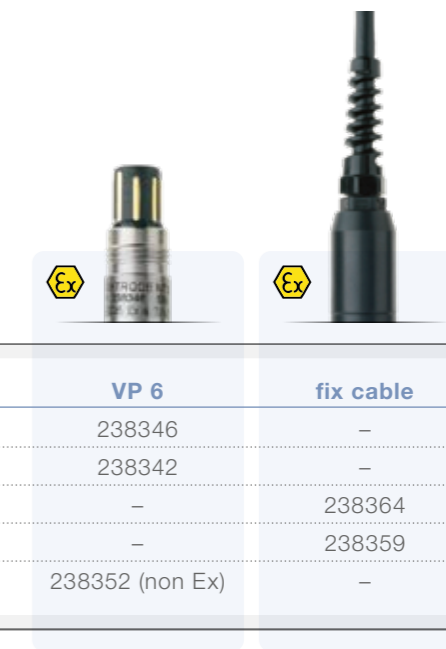
### Typical applications

- ▶ Pulp and Paper industry
- ▶ Water and Wastewater

### Ordering Information

InchTrode	Type	a-length	VP 6	fix cable
	N75F	143	238346	–
	N75P	150	238342	–
	N75FC10	143	–	238364
	N75PC10	150	–	238359
	N100F	140	238352 (non Ex)	–

F = Flat membrane  
P = Cylindrical membrane  
C = Fix cable



### Accessories



**pH buffers** see page 106

**Cables** see page 112

**Housings** see page 127

