Inchtrode N75P

Specification Sheet (Part/REF # 238342)

Specially suited for direct mounting in industrial applications with 3/4 and 1" NPT process connections.

Product Specifications

Sensor Family	InchTrode
Parameter	pH
Sensor Output	Traditional: mV
a-length	150 mm
Electrical Connector	VP6
Measurement Principle	Combination electrode; pH potential measured against reference
Measuring Range	pH 0 to 14
Sensitivity	57 to 59 mV / pH at 25 °C
Zero Point	0 ± 20 mV
pH Glass	Hamilton Type PHI Glass
pH Glass Resistance	Moderate
Membrane Shape	Spherical
Diaphragm	Single Pore ring
Number of Diaphragms	1
Electrolyte	Polisolve
Reference System	Hamilton Everef-L
Liquid Earth	Yes
Temperature Sensor	Pt1000
Diameter	22 mm
Process Connection	NPT ¾" Thread
Wetted Parts	Glass PEEK (Polyetheretherketone)
Serial Number	Yes
Recommended Storage	Hamilton Storage Solution or 3 M KCl
Certificate	Yes, with measured values in Buffer pH 4.01 and pH 7.00
ATEX Approval	II 1/2 G Ex ia IIB T4/T5/T6 Ga/Gb; II 1/2 D ia IIIC T x °C Da/Db
IECEx Approval	II 1/2 G Ex ia IIB T4/T5/T6 Ga/Gb; II 1/2 D ia IIIC T x °C Da/Db
Autoclavable	Yes
CIP	Yes
Steam Sterilizable	Yes
Operating Temperature Range	0 to 130 °C

Sample min Conductivity	50 µS/cm
Pressure Range bar g	0 to 10 bar at 25 °C, 0 to 6 bar at 130 °C