

Data Sheet INCHTRODE N75F

The INCHTRODE N75F sensor is designed to measure the pH in demanding applications in the paper making as well as in the chemical industries. It is also suited for ion weak media and HF containing samples. The single pore diaphragm guarantees best and fast measuring results because of direct contact between the sample and the POLISOLVE electrolyte. The INCHTRODE N75F is simple to install without any additional armature. Its housing is nearly unbreakable.

Application Fields:

Chemical industry, paper making, waste water treatment

Specifications:

Serial Number:	Yes
Certificate:	Yes, with measured values in buffer pH 4.01 and pH 7.00
Measuring Method:	Combination electrode, potential measured against reference electrode
Range:	pH 0 ... 14
Zero-Point:	0 ± 20 mV
Sensitivity:	57 ... 59 mV / pH at 25°C
Temperature Range:	-10 ... 130°C
Pressure Range:	0 ... 10 bar at 25°C, 0 ... 6 bar at 130°C
Process Connection:	NPT 3/4" thread
Electrolyte:	POLISOLVE
Reference System:	HAMILTON EVEREF-L
Liquid Earth:	Yes
Shaft Material:	PPS - Ryton
Membrane glass:	Flat HAMILTON type HF glass For < 0.01M / 200 mg/l HF at 20°C or 0.05M / 1000 mg/l HF at 50°C
Sample: min Conductivity:	2 µS/cm
Diaphragm:	SINGLE PORE ring
Number of diaphragm:	1
Steam sterilizable:	Yes
Autoclavable:	Yes
CIP:	No
Electrical Connector:	VP 6.0 multipin connector with PG 13.5
Temperature Sensor:	Yes, Pt 1000
ATEX approval:	Yes, CE 0035 Ex II 1/2 G EEx ia IIB T4/T5/T6
Recommended Storage:	HAMILTON Storage Solution (p/n 238931) or 3M KCl (p/n 238036 or 238936)



Ordering Information:

Part Number	Description	Dimensions
238346	Inchtrode N75F	See drawing

Dimensional drawing:

