



Data Sheet

POLYMER HF PRO

The POLYMER HF PRO sensor is designed for measuring pH in applications containing hydrofluoric acid. The reference cartridge ensures a long lifetime. Two OPEN PORE diaphragms guarantee best results because of direct contact between the sample and the POLYMER electrolyte.

Application Fields:

Chemical industry, water, waste water

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:	-5 ... 100°C
Pressure Range:	0 ... 6 bar
Electrolyte:	POLYMER
Reference System:	COATED REFERENCE
Shaft Material:	Glass
Membrane glass:	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:	5 µS/cm
Diaphragm:	OPEN PORE
Number of diaphragm:	2
Steam sterilizable:	No
Autoclavable:	No
CIP:	No
Electrical Connector:	Type S8 – standard pH connector head, suitable for most brand name quality pH cables



Ordering Information:

Part Number	Description	a-length (a)
32201071	POLYMER HF PRO	120 mm

Dimensional drawing:

