

Polilyte PRO 120

Specification Sheet (Part# 238411)

The maintenance free Polilyte Pro sensor is designed for pH measurement in water applications, especially in low conductivity samples, e.g. wastewater, fish farming, ground water, etc. The Single Pore liquid junction guarantees best measurement results because of direct contact between the sample and the Polysolve electrolyte – clogging is nearly impossible.



Product Specifications

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
Membrane / Cap	Hamilton type HF glass
Membrane Shape	Cylindrical
Diaphragm	Single Pore
Number of Diaphragms	1
Electrolyte	Polysolve
Liquid Earth	No
Reference System	Hamilton Everef-B
Temperature Sensor	No
ATEX Approval	CE 0035 II 1/2 G Ex ia IIC T4/T5/T6 Ga/Gb, CE 0035 II 1/2 D ia IIIC T x °C Da/Db
IECEx Approval	CE 0035 II 1/2 G Ex ia IIC T4/T5/T6 Ga/Gb, CE 0035 II 1/2 D ia IIIC T x °C Da/Db
Autoclavable	No
CIP	No

Product Specifications

Steam Sterilizable	No
Operating Temperature Range	-10 to 60°C
Pressure Range	0 to 6 bar
O-ring Material	EPDM
Sample: min Conductivity	2 µS/cm
pH glass resistance	low
Certificate	Yes, with measured values in Buffer pH 4.01 and pH 7.00
a-length	120 mm
Diameter	12 mm
Process Connection	PG13,5
Electrical Connector	S8
Wetted Parts	Glass, EPDM
Serial Number	Yes
Recommended Storage	Hamilton Storage Solution or 3 M KCl

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