Polilyte PRO VP 120

Specification Sheet (Part/REF # 238417)

Hazardous area approvals, HF resistant glass (pH), polymer electrolyte, and single pore junction these sensors are well suited for waste water and general industrial applications.

Product Specifications

Sensor Family	Polilyte Pro
Sensor Output	Traditional: mV
a-length	120 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 HF Glass
pH Glass Resistance	Low
Membrane Shape	Spherical
Diaphragm	Single Pore
Number of Diaphragms	1
Electrolyte	Polisolve
Reference System	Hamilton Everef-B
Liquid Earth	No
Temperature Sensor	Pt1000
Diameter	12 mm
Process Connection	PG13,5
Wetted Parts	Glass EPDM (Ethylene propylene elastomer)
O-ring Material	FDA 21 CFR 177.2600; EG 1935/2004; USP <87>; USP <88> Class VI (121 °C)
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 IIC T4/T5/T6 Ga/Gb; II 1/2 D ia IIIC T x °C Da/Db
IECEx Approval	II 1/2 G Ex ia IIC T4/T5/T6 Ga/Gb; II 1/2 D ia IIIC T x °C Da/Db
Autoclavable	No
CIP	No
Steam Sterilizable	No

Operating Temperature Range	-10 to 60 °C
Sample min Conductivity	2 µS/cm
Pressure Range bar g	0 to 6 bar

Specifications are subject to change without notice **Spec. Version B**

https://www.hamiltoncompany.com/sensors/238417