Polyplast PRO

Specification Sheet (Part/REF # 238408)

The Polyplast Pro has a robust plastic shaft and notched tip to prevent breakage in applications such as water treatment, fish and algae farming.

Product Specifications

Sensor Family	Polyplast Pro
Sensor Output	Traditional: mV
a-length	120 mm
Electrical Connector	S8
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 V Glass
pH Glass Resistance	Moderate
Membrane Shape	Spherical
Diaphragm	Single Pore
Number of Diaphragms	1
Electrolyte	Polisolve
Reference System	Ag/AgCl
Liquid Earth	No
Temperature Sensor	No
Diameter	12 mm
Process Connection	PG13,5
Wetted Parts	Glass EPDM (Ethylene propylene elastomer) SAN (Polystyrene-Acrylonitrile)
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	No
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	No
CIP	No
Steam Sterilizable	No

Operating Temperature Range	-10 to 40 °C (60 °C short exposure)
Sample min Conductivity	50 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/238408