Polyplast Temp Lemo

Specification Sheet (Part/REF # 242052)



Well suited for applications were sensors breakage is a concern, the Polyplast has a plastic shatterproof shaft.

Product Specifications

a-length	120 mm
Electrical Connector	1 m Fix Cable / Lemo & 2x2 mm banana
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
Temperature Sensor	Pt1000
Minimum Immersion depth	10 mm
Diameter	12 mm
Wetted Parts	SAN (Polystyrene-Acrylonitrile)
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
Operating Temperature Range	0 to 60 °C
Pressure Range bar g	Atmospheric pressure

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

https://www.hamiltoncompany.com/process-analytics/sensors/242052