

Polilyte Plus H S8 120

Specification Sheet (Part# 242428-1213)

The Polilyte Plus family of pH- and ORP-electrodes is designed for harsh chemical environments or high alkaline wastewater. Liquid junction problems and total break downs are avoided by using Single Pore diaphragms. This family is the successor of the Polilyte HT. The Polilyte Plus fits into the most common housings. Available with the innovative Arc technology.



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 Shape	Cylindrical
Diaphragm	Single Pore
Number of Diaphragms	2
Liquid Earth	No
Reference System	Hamilton Everef-L
Temperature Sensor	No
Recommended Storage	Hamilton Storage Solution or 3 M KCl
pH Glass Resistance	Moderate
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
Autoclavable	Yes, max. temperature 130°C
CIP	No
Steam Sterilizable	Yes, max. temperature 130°C

Product Specifications

Process Temperature	0 to 130°C
Pressure Range	0 to 16 bar (100°C), 0 to 10 bar (130°C)
O-ring Material	FPM
Sample min Conductivity	2 µS/cm
Certificate	Yes, with measured values in Buffer pH 4.01 and pH 7.00
Serial Number	Yes
Diameter	12 mm
Process Connection	PG13,5
Electrical Connector	S8
a-length	120 mm
Electrolyte	Polisolve Plus
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
Medium Affected Materials	Glass, FPM
Membrane / Cap	Hamilton type H glass

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Revision: A / 2010-05-11 Printed in the U.S.A.

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