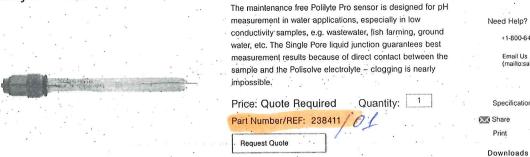
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Polilyte PRO 120



Accessories

Specifications

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	Measurement Principle	Combination electrode; pH potential measured against reference
×	Measuring Range	pH 0 to 14
	Sensitivitý	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	Polisolve
	Liquid Earth	No
	Reference System	Hamillon 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
	Steam Sterilizable	No.
(9	Operating Temperature Range Pressure Range	-10 to 60°C 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
700	Diameter	12 mm
	Process Connection	PG13,5
4	Electrical Connector	S8
	Wetted Parts	Glass, EPDM

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Declaration of Quality



Polilyte Pro 120

Product number:

238411/01

Serial number:

28518

Work order lot number:

1647497

Reading in (pH 4 Buffer)*:

180 mV

Reading in (pH 7 Buffer)*:

4 mV

Slope (pH 4, pH 7):

better than 97% of theoretical value

Response time t90% (pH 4/pH 7):

better than 5 sec

Response time t98% (pH 4/pH 7):

better than 20 sec

Measuring range:

pH 0 ... 14

Pressure range:

0 ... 6 bar

Temperature range:

-10 ... 60 °C

Temperature sensor:

The parts in contact with the measuring sample (wetted parts) are made of:

Shaft:

Glass

O-ring:

EPDM 75.5/KW75F, is manufactured in respect to its biocompatibility in compliance with USP Plastic Class VI. The material meets the regulations of the Food and DrugAdministration FDA, Code of Federal Regulations CFR of the United States ofAmerica, Title 21 Food and Drugs, section 177.2600 - Rubber articles intended forrepeated use in contact with food, and section 177.1520 - Olefin polymers.

Reference electrolyte:

Polisolve

This product meets the requirements of the ATEX directive 94/9/EC and of the IECEx scheme. The marking of explosion protection is II 1/2 G Ex ia IIC T4/T5/T6 Ga/Gb (Gas) /

and Ex ia IIIC T x °C Da/Db (Dust)

EC-type-examination certificate TÜV 03 ATEX 7005 X

IECEX Certificate of Conformity IECEx TUR 14.0001 X (both on www.hamiltoncompany.com)

A change of the measurement values above during storage and use is a normal behavior of electrochemical sensors.

Passed Quality Control: 2015-02-16

This declaration is generated automatically and is valid without signature.



^{*}Measurements are performed in Certified Reference Materials