

MecoTrode HF MS 120

Specification Sheet (Part/REF # 242839)



Looking to upgrade your Memosens pH sensor installation? Polilyte Plus Memosens pH sensors offer high accuracy and longevity in industrial applications.

Sensor Family	MecoTrode
Parameter	pH
Sensor Output	Memosens
a-length	120 mm
Electrical Connector	Memosens
Measurement Principle	Combination electrode; pH potential measured against reference
Measuring Range	pH 0 to 14
Additional specifications	
Sensitivity	57 to 59 mV / pH at 25 °C
Zero Point	0 ± 20 mV
pH Glass	Type HF Glass: For < 0.01M / 200 mg/l HF at 20 °C or 0.05M / 1000mg/l HF at 50 °C
pH Glass Resistance	Moderate
Membrane Shape	Spherical
Diaphragm	Single Pore
Number of Diaphragms	3
Electrolyte	Viscous 3 M KCl-Pharma, blue

Reference System	Everef-L
Liquid Earth	No
Temperature Sensor	NTC 30 kOhm
Diameter	12 mm
Process Connection	PG13,5
Wetted Parts	Glass EPDM (Ethylene propylene elastomer)
Serial Number	Yes
Recommended Storage	MIA Storage Solution or 3 M KCl
Certificate	Yes, with measured values in Buffer pH 4.01 and pH 7.00
ATEX Approval	II 1 G Ex ia IIC T3/T4/T6 Ga
IECEX Approval	II 1 G Ex ia IIC T3/T4/T6 Ga
Autoclavable	No
CIP	No
Steam Sterilizable	No
Operating Temperature Range	-10 to 100 °C
Sample min Conductivity	2 µS/cm
Pressure Range bar g	0 to 16 bar at 25 °C, 0 to 6 bar at 100 °C

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