

EasyFerm Plus PHI MS 160

Specification Sheet (Part/REF # 238633-1423)



Memosens technology allows upgrading an existing installation with proven Hamilton pH sensor technology.

Product Specifications

Sensor Family	EasyFerm Plus
Parameter	pH
Sensor Output	Memosens
a-length	160 mm
Electrical Connector	Memosens
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 PHI Glass
pH Glass Resistance	Moderate
Membrane Shape	Spherical
Diaphragm	HP-Coatramic
Number of Diaphragms	1
Electrolyte	Pressurized Phermlyte
Reference System	Hamilton Everef-F, Silver ion barrier included
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	Hamilton 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	Yes
CIP	Yes
Steam Sterilizable	Yes
Operating Temperature Range	0 to 135 °C; 0 to 130 °C (ATEX)

Sample min Conductivity 100 μ S/cm

Pressure Range bar g 0 to 6 bar

Specifications are subject to change without notice

Spec. Version B

<https://www.hamiltoncompany.com/process-analytics/sensors/238633-1423>