EasyFerm Plus ORP S8 120

Specification Sheet (Part/REF # 243187)

EasyFerm Plus ORP sensors have the all the advantages of our pre-pressurized reference design combined with a large platinum electrode surface for easy cleaning in sanitary applications.

Product Specifications

Sensor Family	EasyFerm Plus
Parameter	ORP
Sensor Output	Traditional: mV
a-length	120 mm
Electrical Connector	S8
Measurement Principle	Combination electrode; ORP potential measured against reference
Measuring Range	-2000 mV to +2000 mV
ORP Element	Pt ring
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	No
Diameter	12 mm
Process Connection	PG13,5
Wetted Parts	Platinum Glass EPDM (Ethylene propylene elastomer)
Serial Number	Yes
Recommended Storage	Hamilton Storage Solution or 3 M KCl
Certificate	Yes, with measured value in ORP buffer +475 mV
ATEX Approval	II 1/2 G Ex ia IIC T4/T5/T6 Ga/Gb; II 1/2 D ia IIIC T x °C Da/Db
IECEx Approval	II 1/2 G Ex ia IIC T4/T5/T6 Ga/Gb; II 1/2 D ia IIIC T x °C Da/Db
Autoclavable	Yes
CIP	Yes
Steam Sterilizable	Yes
Operating Temperature Range	0 to 140 °C
Sample min Conductivity	100 µS/cm

Pressure Range bar g	0 to 6 bar