

# Polilyte RX 120

Specification Sheet (Part/REF # 238433)



Hazardous area approvals, HF resistant glass (pH), polymer electrolyte, and single pore junction these sensors are well suited for waste water and general industrial applications.

## Product Specifications

Sensor Family	Polilyte Pro
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 wire
Membrane Shape	Spherical
Diaphragm	Single Pore
Number of Diaphragms	1
Electrolyte	Polisolve
Reference System	Hamilton Everef-B
Liquid Earth	No
Temperature Sensor	No
Diameter	12 mm
Process Connection	PG13,5
Wetted Parts	Platinum Glass EPDM (Ethylene propylene elastomer)
O-ring Material	FDA 21 CFR 177.2600; EG 1935/2004; USP <87>; USP <88> Class VI (121 °C)
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	No
CIP	No
Steam Sterilizable	No
Operating Temperature Range	-10 to 60 °C
Sample min Conductivity	2 µS/cm

