

Polyplast PRO RX

Specification Sheet (Part# 238409)



The maintenance free Polyplast Pro RX sensor is designed for ORP measurement in water applications and low conductivity samples, e.g. wastewater, fish farming, ground water, etc. The Single Pore liquid junction guarantees best measurement results because of direct contact between the sample and the Polysolve electrolyte – clogging is nearly impossible. The Polyplast Pro RX comes with a robust plastic shaft and glass bulb protection, making it one of our most economical and longest lasting sensors.

Product Specifications

a-length	120 mm
Measurement Principle	Combination electrode; ORP potential measured against reference
Measuring Range	-2000 mV to +2000 mV
ORP Element	Pt wire
Membrane Shape	Cylindrical
Diaphragm	Single Pore
Number of Diaphragms	1
Electrolyte	Polysolve
Liquid Earth	No
Reference System	Ag/AgCl
Temperature Sensor	No
pH Glass Resistance	Moderate
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
CIP	No
Steam Sterilizable	No

Product Specifications

Operating Temperature Range	-10 to 40 °C (60 °C short exposure)
Pressure Range (bar g)	0 to 6 bar
Sample min Conductivity	50 µS/cm
Certificate	No
Diameter	12 mm
Process Connection	PG13,5
Electrical Connector	S8
Wetted Parts	Plastic (SAN), Glass, EPDM, Pt
Serial Number	Yes
Recommended Storage	Hamilton Storage Solution or 3 M KCl
Device Plug	S8

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