

EasyControl ORP 120

Specification Sheet (Part/REF # 238523)



An entry-level sensor for chemical or wastewater applications and low process temperatures. Also suitable for swimming pools and OEM applications.

Product Specifications

Sensor Family	EasyControl
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 wire
Membrane Shape	Spherical
Diaphragm	Ceramic
Number of Diaphragms	1
Electrolyte	Gel electrolyte
Reference System	Ag/AgCl
Liquid Earth	No
Temperature Sensor	No
Diameter	12 mm
Process Connection	PG13,5
Wetted Parts	Glass Ceramic 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	No
ATEX Approval	No
IECEX Approval	No
Autoclavable	No
CIP	No
Steam Sterilizable	No
Operating Temperature Range	0 to 60 °C

Sample min Conductivity 5 μ S/cm

Pressure Range bar g 0 to 2 bar

Specifications are subject to change without notice

Spec. Version B

<https://www.hamiltoncompany.com/process-analytics/sensors/238523>