


## Data Sheet POLYPLAST PRO RX

The maintenance free POLYPLAST PRO RX sensor is designed for redox measurements in water applications, e.g. waste water treatment or swimming pools. Its shaft is made of plastic and the glass membrane is protected by plastic pins. Furthermore, the SINGLE PORE diaphragm barely needs cleaning and the POLISOLVE electrolyte remains stable over a long period of time. It is a robust sensor that does not need maintenance.

### Application Fields:

Water, e.g. waste water treatment, swimming pools, fish farming

### Specifications:

Serial Number:	Yes
Certificate:	Yes, with measured value in redox buffer +475 mV
Measuring Method:	Combination electrode, potential measured against reference electrode
Range:	-2000 mV ... +2000 mV
Zero-Point:	--
Sensitivity:	--
Temperature Range:	-10 ... 40°C, briefly 60°C
Pressure Range:	0 ... 6 bar
Electrolyte:	POLISOLVE
Reference System:	Ag/AgCl
Liquid Earth:	No
Shaft Material:	Plastic
Membrane glass:	Platinum wire
Sample: min Conductivity:	50 µS/cm
Diaphragm:	SINGLE PORE
Number of diaphragm:	1
Steam sterilizable:	No
Autoclavable:	No
CIP:	No
Electrical Connector:	Type S8 – standard pH connector head, suitable for most brand name quality pH cables
Temperature Sensor:	No
ATEX approval:	Yes, CE 0035  II 1/2 G EEx ia IIB T4/T5/T6
Recommended Storage:	HAMILTON Storage Solution (p/n 238931) or 3M KCl (p/n 238036 or 238936)



### Ordering Information:

Part Number	Description	a-length (a)
238409	Polyplast Pro RX	120 mm

### Dimensional drawing:

