


## Data Sheet POLILYTE RX

The maintenance free POLILYTE RX sensor is designed for the measurement of the redox potentials in water applications, e.g. waste water treatment or in swimming pools. The SINGLE PORE diaphragm guarantees best measurement results because of direct contact between the sample and the POLISOLVE electrolyte, which makes clogging nearly impossible.

### Application Fields:

Water, waste water treatment, swimming pools, fish farming

### Specifications:

Serial Number:	Yes
Certificate:	Yes, with measured value at 475 mV
Measuring Method:	Combination electrode, potential measured against reference electrode
Range:	-2000 ... +2000 mV
Zero-Point:	--
Sensitivity:	--
Temperature Range:	-10 ... 60°C
Pressure Range:	0 ... 6 bar
Electrolyte:	POLISOLVE
Reference System:	HAMILTON EVEREF-B
Liquid Earth:	No
Shaft Material:	Glass
Membrane:	Platinum wire, partly melted into glass
Sample: min Conductivity:	2 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 IIC 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)
238433	Polilyte RX 120	120 mm

### Dimensional drawing:

