

# Polilyte RX

# Polyplast Pro RX



The maintenance free Polilyte RX and Polyplast Pro RX sensors are 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 sensor comes with a robust plastic shaft and glass bulb protection, making it one of our most economical and longest lasting sensors.

### Benefits

- ▶ Single Pore for direct sample contact with Polysolve electrolyte
- ▶ No clogging
- ▶ Fast response even in low conductivity media
- ▶ Easy maintenance due to non refillable electrolyte

### Typical applications

- ▶ Wastewater applications
- ▶ Fish farming
- ▶ Ground water



### Specifications

Measuring range	± 2000 mV
Process temperature	Polilyte Pro: -10 to 60 °C Polyplast Pro: -10 to 40 °C
Pressure range (relative to ambient)	0 to 6 bar
ORP element	Pt-wire
Electrolyte	Polysolve
Reference system	Polilyte Pro: Everef-B Polyplast Pro: Ag/AgCl
Diaphragm	Single Pore
O-ring	Polilyte RX: EPDM Polyplast Pro RX: EPDM

For more specifications see [www.hamiltoncompany.com](http://www.hamiltoncompany.com)

### Ordering Information



	a-length	S8
Polilyte RX	120	238433
Polyplast Pro RX	120	238409

### Accessories



**ORP buffers** see page 107

**Cables** see page 112

**Housings** see page 127