

# Polilyte Plus ORP



Specifications	
Measuring range	± 2000 mV (Arc: ± 1500 mV)
Process temperature	0 to 130 °C (Arc: analog 0 to 110 °C, digital 0 to 130 °C)
Pressure range (relative to ambient)	0 to 3 bar (140 °C) 0 to 10 bar (130 °C) 0 to 16 bar (100 °C)
Hygienic aspects	Autoclavable, CIP, SIP
ORP element	Pt wire
Electrolyte	Polisolve Plus
Reference system	Everef-L
Diaphragm	Single Pore
O-ring	FKM

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

The maintenance free Polilyte Plus ORP sensors are designed to withstand demanding applications in chemical and petrochemical industries. Monitoring the ORP value is becoming increasingly important in many applications, especially harsh chemical environments or high alkaline wastewater. Because of its Single Pore diaphragms you will never have liquid junction problems and total breakdowns. The Polilyte Plus ORP sensors demonstrate reliable reproducible measurement accuracy in highly alkaline solutions as well as in samples with low conductivity. Additionally, the Everef-L reference cartridge ensures a long lifetime.

**Benefits**

- ▶ 2 Single Pores prevent clogging and ensure reliable measurements
- ▶ Minimal diffusion potential
- ▶ Highly reproducible measurements and very stable over a long period of time
- ▶ Resistant against solvents, strong acids and bases

**Typical applications**

- ▶ Sugar industry
- ▶ Dye industry
- ▶ Industrial wastewater
- ▶ Paper industry

## Ordering Information



	a-length	S8	Arc	VP 6
<b>Polilyte Plus ORP</b>	120	243185	243060	243648
	225	243186	243061	-
	325	10078139	243062	-
	425	10078140	243063	-

## Accessories



- ORP buffers** see page 107
- Cables** see page 112
- Arc Accessories** see page 116
- Housings** see page 127

