


## Data Sheet OXYTRODE Pt

The maintenance free OXYTRODE Pt sensor is designed for measuring redox potentials in the chemical industry. 3 high-performance ceramic diaphragms reduce the effect of flow potentials during pipe mounting.

### Application Fields:

Chemical industry, water, waste water

### Specifications:

Serial Number:	Yes
Certificate:	No
Measuring Method:	Combination electrode, potential measured against reference electrode
Range:	-2000 ... +2000mV
Zero-Point:	--
Sensitivity:	--
Temperature Range:	0 ... 130°C
Pressure Range:	0 ... 16 bar at 25°C, 0 ... 6 bar at 130°C
Electrolyte:	Gel electrolyte
Reference System:	HAMILTON EVEREF
Liquid Earth:	No
Shaft Material:	Glass
Membrane:	Platinum wire
Sample: min Conductivity:	50 µS/cm
Diaphragm:	HP-ceramic
Number of diaphragm:	3
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)
238810	Oxytrode Pt 120	120 mm

### Dimensional drawing:

