



SENSORS &
CONTROLLERS



ANALYZERS
& SAMPLERS



LEVEL, FLOW
& PRESSURE



WEB APP &
DATA LOGGING



ACCESSORIES

S406 OXYTRODE DATASHEET

ORP ELECTRODE FOR HIGH PRESSURE / TEMPERATURE
APPLICATIONS




MAIN FEATURES

The maintenance free S406 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.

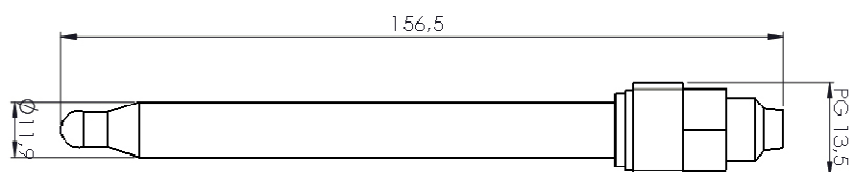
APPLICATIONS

- Water
- Wastewater
- Chemical Industry

TECHNICAL DATA

Materials	Glass shaft, ceramic septum, membrane with platinum wire, partially fused into the glass
Thread	PG13,5
Measurement range	-2000 ... +2000mV
Operating temperature	0 ... 130°C
Maximum operating pressure	0 ... 16 bar at 25°C, 0 ... 6 bar at 130°C
Electrolyte	Electrolyte gel
Reference system	EVEREF
Sample: min Conductivity:	50 μ S/cm
Diaphragm	Ceramic septum
Number of septa	3
Connector type	S8
Thermometer	No
ATEX approval	Yes, II 1/2 G  ia IIC T4/T5/T6 Ga/Gb; II 1/2 D ia IIIC T x °C Da/Db
Recommended storage	3M KCl

DIMENSIONS



ORDER CODES

6001031160	S406 OXT Pt ORP electrode for high pressure/temperature applications (Atex), 5 m cable
6001031110	S406 OXT Pt ORP electrode Same technical characteristics as the previous one, without cable