



SENSORS &
CONTROLLERS



ANALYZERS
& SAMPLERS



LEVEL, FLOW
& PRESSURE



WEB APP &
DATALOGGING



ACCESSORIES

S408 MECOTRODE DATASHEET

PH ELECTRODE FOR HIGH TEMPERATURE APPLICATIONS



MAIN FEATURES

The S401 MECOTRODE traditional pH sensor offers a traditional mV output combined with glass and reference design for industrial applications including HF and HT.

It is designed for processes in the chemical industry with extreme pH values. The H glass type membrane glass provides a low alkaline error and stable measurement even at high temperatures.

Three high-performance ceramic diaphragms reduce the effect of flow potential in pipe mounting or slurry media

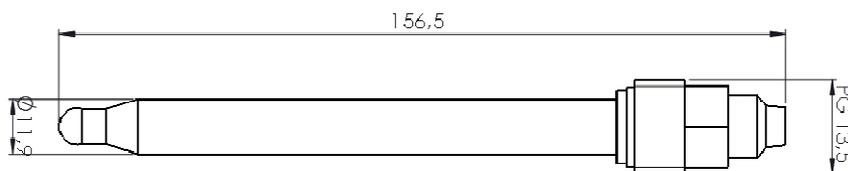
APPLICATIONS

- Process water
- Industrial water
- Chemicals

TECHNICAL DATA

Materials	Glass shaft, Ceramic porous septa
Thread	PG13,5
Measurement range	pH 0-14
Zero point	0 ± 20 mV
Sensitivity	57 ... 59 mV / pH a 25°C
Operating temperature	0 ... 130°C
Maximum operating pressure	0 ... 16 bar at 25°C, 0 ... 6 bar at 130°C
Electrolyte	Viscous 3 M KCl-Pharma, blue
Reference system	EVEREF
Sample: min Conductivity:	50 µS/cm
Diaphragm	HP-Ceramic
Number of septa	3
Connector type	S8
Temperature sensor	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

6000991141	S408MEC – S pH Electrode High temperature/ pressure application (Atex), 5 m cable
6000991101	S408MEC – S pH electrode Same technical characteristics as the previous one, without cable