



SENSORS &
CONTROLLERS



ANALYZERS
& SAMPLERS



LEVEL, FLOW
& PRESSURE



WEB APP &
DATA LOGGING



ACCESSORIES

S40I VG HT AJ DATASHEET

PH ELECTRODE FOR HARSH APPLICATION



MAIN FEATURES

The S40I VG HT AJ pH Electrode is designed for measurement in harsh water applications e.g. Sludges, waste water, heavy duty industrial water, etc.

The annular porous septum guarantees best measurement results because of direct contact between the sample and the electrolyte, which makes clogging nearly impossible and reduces the necessity of maintenance.

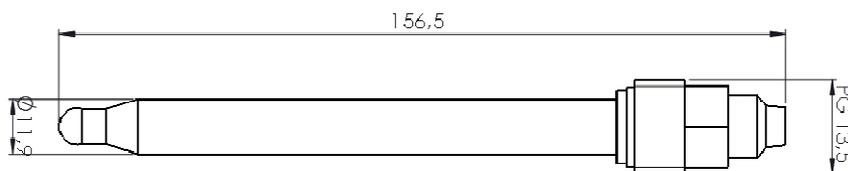
APPLICATIONS

- Water
- Wastewater
- Sludges
- Industrial water

TECHNICAL DATA

Materials	Glass shaft, Teflon membrane
Thread	PG13,5
Range	pH 0-14
Zero-Point	0 ± 20 mV
Sensitivity	57 ... 59 mV / pH at 25°C
Reaction Time	pH 4...7 <30s
Operating Temperature	-5 ... 135°C
Max working pressure	10 bar
Electrolyte	Gel
Reference system	Ag/AgCl
Sample: min Conductivity:	50 µS/cm
Diaphragm	Teflon
Number of Diaphragm	1
Resistance	≤300 MΩ at 25 °C
Connection type	S8

DIMENSIONS



ORDER CODES

6010019120	S401VG HT AJ pH Electrode for heavy-duty applications , 5m cable
6010019110	S401VG HT AJ pH Electrode Same technical features as above, but without cable