

AH-300-K-2-1(-PG)

pH sensor

- Low maintenance by gel filling
- Also available as pressure-proof version (up to 10 bar)
- Low alkaline error



applications



Drinking Water / Beverages



Process Water

description

The Kuntze AH-300-K-2-1(-PG) is a combination electrode for pH measurement in all-purpose applications. The sensor is gel filled, not refillable and requires little maintenance. The reduced junction increase the expected life time in deionised media.

technical data

measuring parameter

pH-value 0 .. 14 pH

ambient conditions

max. pressure 2 bar (at 20 °C) sensors with S7 plug pressure less
min. conductivity >150 µS/cm
temperature -5 .. +70 °C

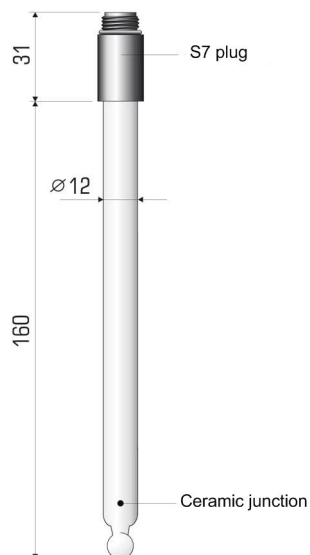
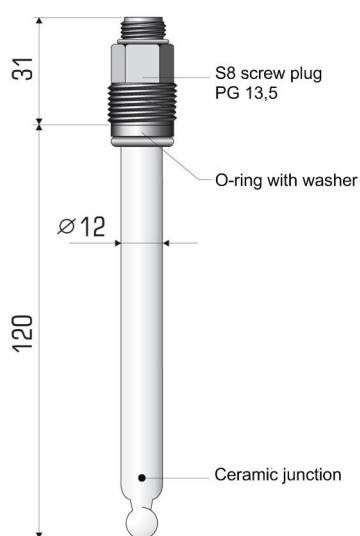


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mechanical construction

junction	ceramic - 1mm
shaft material	Glass
electrode material	AH glass ball
reference system	Ag/AgCl/Tepox gel
internal buffer	pH 7
mechanical connection	S7 plug S8 screw plug (PG 13,5)
electrical connection	2-pole screw connection



accessories

accessories

pH buffer solutions

The slope of pH sensors changes over the time (depending on the measuring media). We recommend a regular calibration with our buffer solutions. We offer 1000 ml packages of pH 2, pH 3,56, pH 4, pH 7, and pH 9,22, and 50 ml packages of pH 4, and pH 7.

