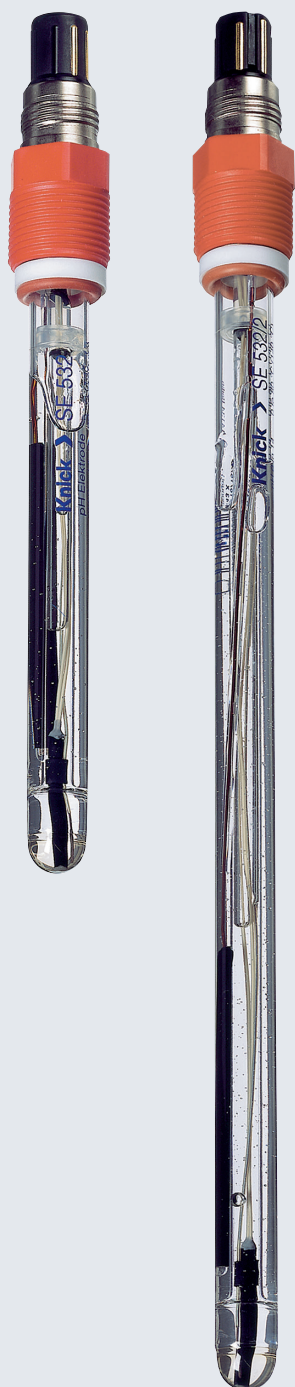


Sensors for pH Measurement

Chem

Pharm

Food



SE 532 pH Sensor

For standard applications with gel electrolyte and temperature detector; sterilizable, autoclavable and CIP-capable.

Universal, low-maintenance sensor for standard chemistry applications. Sterilizable and autoclavable for processes in biotechnology and pharmaceutical industries. The silver ion trap prevents silver sulfide precipitation and junction fouling in media containing sulfides. Also suitable for hazardous locations.

Applications

Standard sensor for chemical processes, food and pharmaceutical processes, media containing sulfides, sterilizable

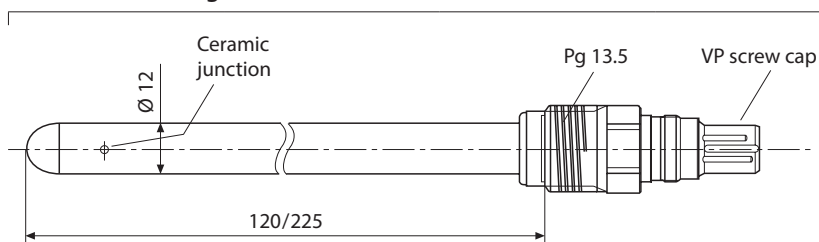
Facts

- Low maintenance, no refilling of electrolyte
- Integrated temperature detector
- Ceramic junction
- Silver ion trap
- CIP-capable
- Steam-sterilizable
- Autoclavable
- Extensive range of applications
- Large pressure and temperature range
- VP screw cap

Specifications

pH:	0 ... 14
Temperature:	0 ... 80 °C (140 °C for sterilization)
Pressure:	-1 ... 6 bars
Temperature detector:	Pt 1000
Sensor material:	Highly alkali-resistant glass
Reference system:	Ag/AgCl with silver ion trap, gel electrolyte
Junction:	Ceramic (1 x)
Immersion depth:	120 mm / 225 mm
Process adaptation:	Pg 13.5
Sensor cap:	VP (VarioPin)
ATEX Certificate:	II 1/2G Ex ia IIC T6/T5/T4/T3

Dimension Drawing



All dimensions in mm

Product Range

SE 532 pH sensor

Length 120 mm

Length 225 mm

Order No.

SE 532/1

SE 532/2

Accessories

VP6-ST cable

3 m

5 m

10 m

20 m

Order No.

ZU 0313

ZU 0314

ZU 0315

ZU 0584

Buffer Solutions (20 °C)

pH value 2.00 ± 0.02

250 ml

pH value 4.00 ± 0.02

250 ml

1000 ml

3000 ml

pH value 7.00 ± 0.02

250 ml

1000 ml

3000 ml

pH value 9.00 ± 0.02

250 ml

1000 ml

3000 ml

pH value 12.00 ± 0.05

250 ml

250 ml

Order No.

CS-P0200/250

CS-P0400/250

CS-P0400/1000

CS-P0400/1000

CS-P0700/250

CS-P0700/1000

CS-P0700/1000

CS-P0900/250

CS-P0900/1000

CS-P0900/1000

CS-P1200/250

Equipotential bonding
electrode

Platinum; for monitoring the reference system of the pH sensor or
for simultaneous ORP measurement

ZU 0073