



## SE 557 pH Sensor

**For special requirements and high-precision measurements with refillable liquid electrolyte.**

Elimination of typical junction problems resulting in high measurement accuracy in ultrapure water as well as in heavily polluted media and at high temperatures. Integrated, refillable liquid electrolyte reservoir. 2 ceramic junctions, self cleaning due to pressurization (continuous outflow of electrolyte).

### Applications

Boiler feed water, water for injection (WFI), semiconductor production, difficult process media requiring high measurement stability.

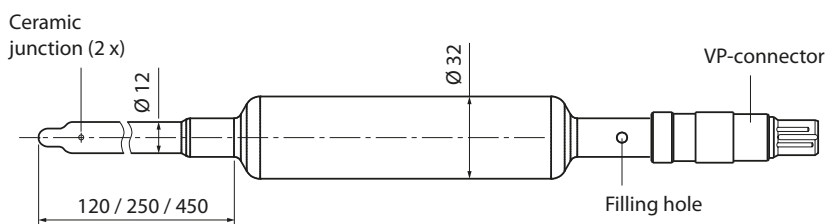
### Facts

- High accuracy
- Extensive measuring range for pH and temperature
- Refillable liquid electrolyte
- 2 ceramic junctions
- Self cleaning due to pressurization
- Integrated temperature detector
- Alpha glass, medium impedance, universal glass, fluoride resistant

### Specifications

pH:	0 ... 14
Temperature:	-20 ... +100 °C
Pressure, relative:	-1 ... +6 bar
Temperature detector:	Pt1000
Sensor material:	Alpha glass
Reference system:	Ag/AgCl, refillable liquid electrolyte
Junction:	Ceramic (2 x)
Length:	120 mm/250 mm
Sensor connector:	VP (VarioPin)
ATEX marking:	II 1G Ex ia IIC T4/T6 Ga

### Dimension Drawing



All dimensions in mm

# SE 557 pH Sensor

## Product Range

### Sensor

SE 557 pH sensor

### Length

120 mm  
250 mm

### Order No.

SE 557X/1-NVPN  
SE 557X/2-NVPN

### Accessories

VP6-ST cable

### Length

3 m  
5 m  
10 m  
20 m

### Order No.

CA/VP6ST-003A  
CA/VP6ST-005A  
CA/VP6ST-010A  
CA/VP6ST-020A

### CaliMat Buffer Solutions (20 °C)

pH value 2,00 ± 0,02

pH value 4,00 ± 0,02

pH value 7,00 ± 0,02

pH value 9,00 ± 0,02

pH value 12,00 ± 0,05

Elektrolyte

### Quantity

250 ml  
250 ml  
1000 ml  
3000 ml  
250 ml  
1000 ml  
3000 ml  
250 ml  
1000 ml  
3000 ml  
250 ml

### Order No.

CS-P0200/250  
CS-P0400/250  
CS-P0400/1000  
CS-P0400/3000  
CS-P0700/250  
CS-P0700/1000  
CS-P0700/3000  
CS-P0900/250  
CS-P0900/1000  
CS-P0900/3000  
CS-P1200/250

ZU 0958

