

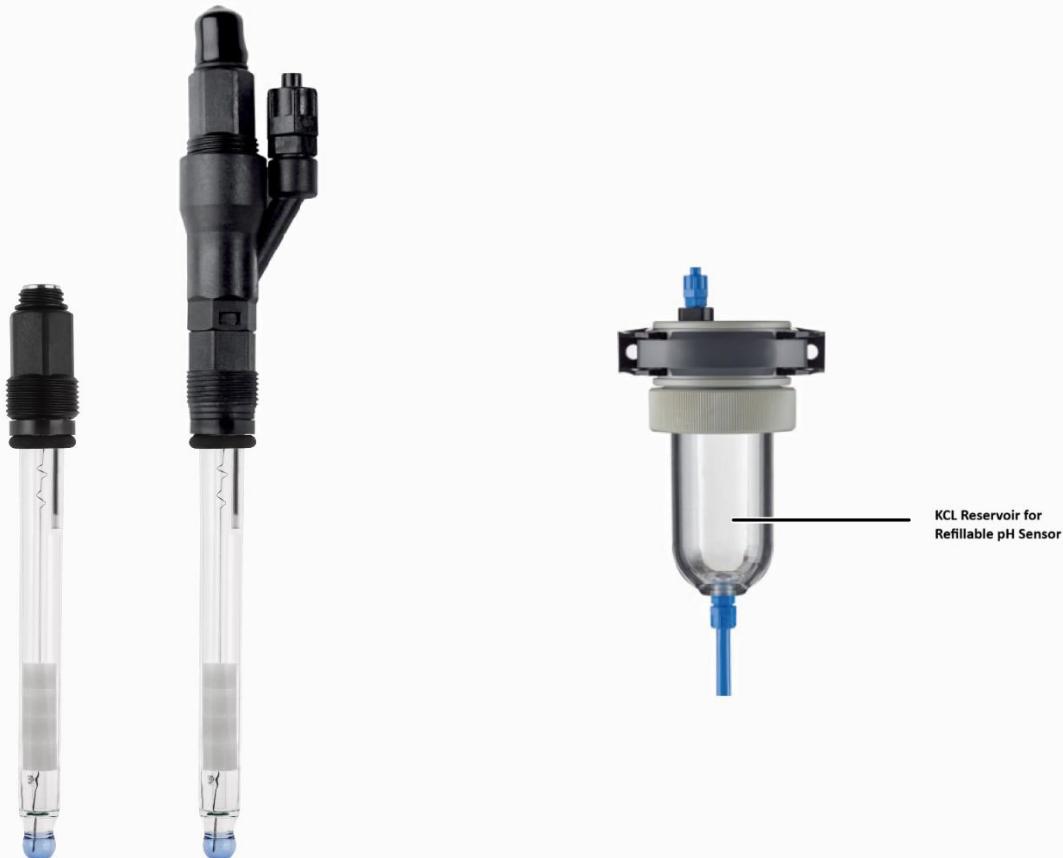


DETM DYNAMIC
Process Equipment

pH Sensor
AquaSense PH-02

AquaSense pH Sensors – Pure & Ultra-pure Water

AquaSense PH-02



AquaSense Series pH electrodes are particularly suitable for water applications including the low ionic applications such as pure water and ultra-pure water measurements. They are combination electrodes with high quality Zirconium dioxide ceramic, single or triple junction system. A PT-1000 temperature sensor is optionally supplied integrated with the sensor.

Liquid KCL electrolyte is used as a reference electrolyte. It offers robust and stable contact between the diaphragm and the conduction system.

Applications

- Media with very low conductivity (> 0,1 μ S/cm in case of 3 diaphragms, > 5 μ S/cm in case of 1 diaphragm)
- Electroplating processes, PCB production
- Boiler feed water
- RO Water & Water treatment

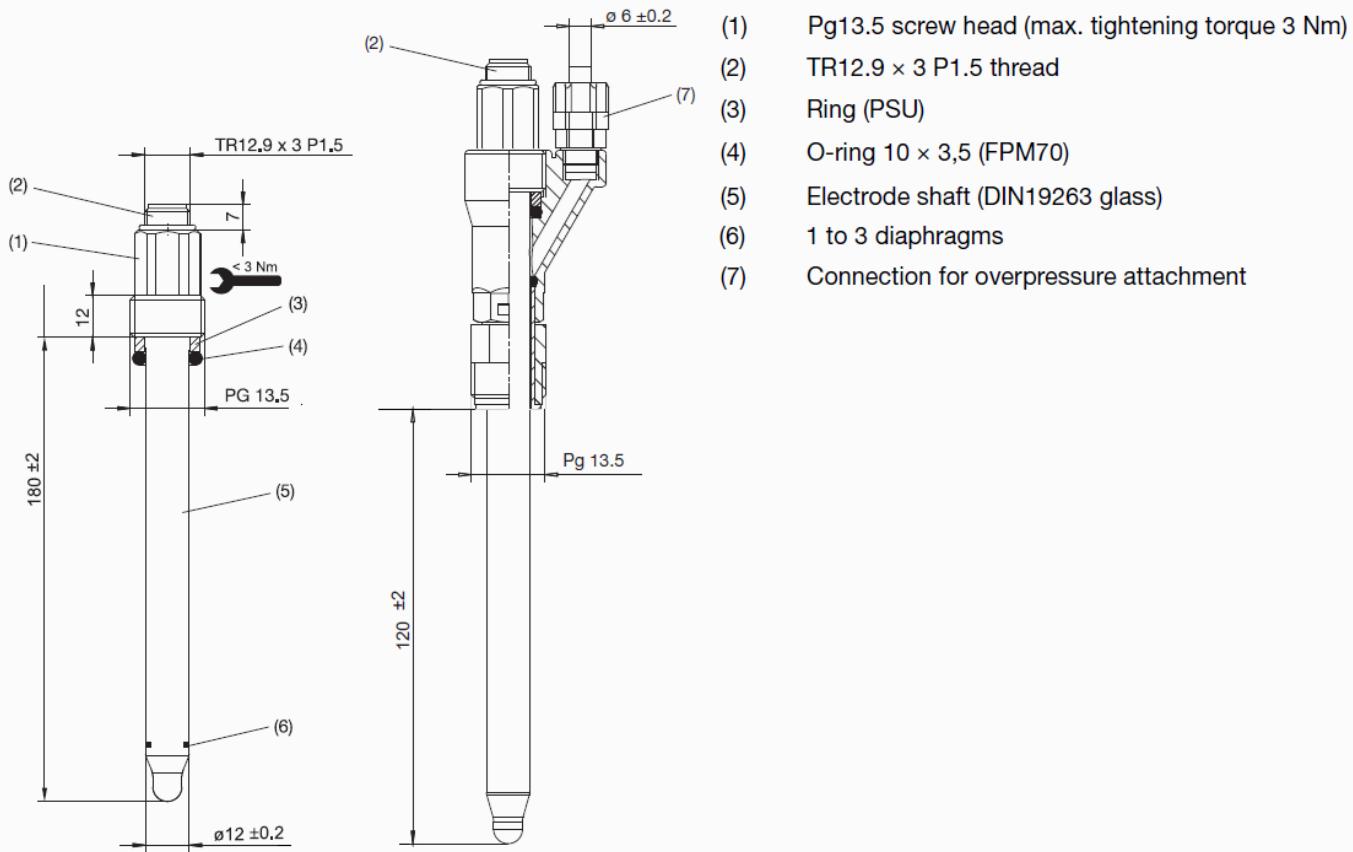
Features

- 1x or 3x Zirconium dioxide diaphragm
- Cartridge-style conduction system
- Fitting for refillable KCl design

Specification:

pH Sensor AquaSense PH-02

Application		Pure & Ultra-pure water treatment applications
Construction	Liquid Junction	Triple Ceramic Junction
	Type	12mm Diameter Glass Body Combination Electrode
	Reference	Ag/AgCl in cartridge type conduction system with optional refillable KCL design
	Electrolyte	Liquid KCL Electrolyte
Measurement	pH	0 to 14 pH
	Temperature	0 to 80 °C
Temperature Sensor		PT1000
Process Range	Temperature	0 to 135 °C
	Pressure	6 Bar
Process Connection		PG13.5 Free Turning Cap
Dimensions	Diameter	12mm
	Length	120mm
Protection		IP 66 and IP67



Also check out our range of **Retractable Housings** for Liquid Analytics...



SmartDip 405M

SmartDip 405M is a retractable electrode housing with pneumatically operated drive Unit. This metal body model can be implemented in harsh chemical applications through flan...



SmartDip 220M

SmartDip 220M is a compact retractable electrode housing with manual drive Unit. This metal body model can be implemented in different chemical applications including ferment...



SmartDip 405P

SmartDip 405P is a retractable electrode housing with pneumatically operated drive Unit. This plastic body model can be implemented in harsh chemical applications through flan...



SmartDip 250M

SmartDip 250M is a manually operated Retractable electrode housing with long immersion lengths and ball valve for isolation. It can fit 120mm long Sensor.



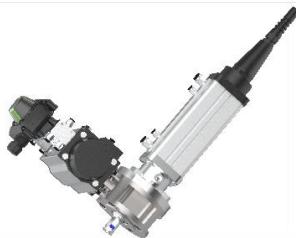
SmartDip 420M

SmartDip 420M is a compact retractable electrode housing with pneumatically operated drive Unit. This metal body model can be implemented in different chemical applicatio...



SmartDip 240M

SmartDip 240M is a compact retractable electrode housing. This version can fit 120mm long sensor. It comes with 1" NPT, Triclover connection.



SmartDip 450M

SmartDip 450M is a pneumatically operated retractable electrode housing with long immersion length and isolation ball valve. This unique model can fit 120mm long sensor.

