

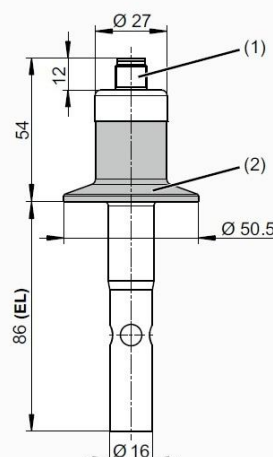


TM
DE DYNAMIC
Process Equipment

Conductivity Sensor Hygienic
AquaSense CON-02HY

Conductivity Sensor (2-Electrode, Hygienic)

AquaSense CON-02HY



- (1) M12 connector (default)
(2) Process connection

The AquaSense CON-02HY is a Hygienic Body Conductivity sensor designed for measuring very low conductivity solutions. With two different cell constant, the CON-02HY series sensors provide different range of the ultra-pure/pure water measurement. Its modular cable and sensor design provide the most convenience of sensor re-installation. It is also a **Pharmaceutically-compliant conductivity sensors** with a surface roughness < 0.8 µm.

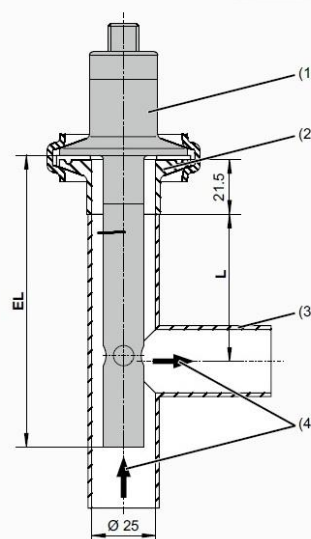
Applications

- Pure & Ultra-pure Water Measurement
- Pharmaceutical, Food & Dairy Industries

Specification:

Conductivity Electrode			
Application		Hygienic Application	
Model		CON-02HY	
Type		2-Electrode System	
Range	Conductivity	0.05-20.0µS/cm	0.1-1000.0µS/cm
Temperature Sensor		PT 1000	
Process Range	Temperature	0 to 135 °C	
	Pressure	0 to 16 Bar (@25 °C)	
Electrode Material		SS316L	
Body Material		SS316L	
Cell Constant		0.01 cm ⁻¹	0.1 cm ⁻¹
Process Connection		Triclover Clamp DN 25	
Dimensions	Diameter	16 mm	
	Insertion Length	115 mm	86 mm

INSTALLATION



- (1) Sensor with process connection clamp DN 25
(2) Clamp socket DIN DN 25, 1", ISO DN 20
(3) T-piece (not included in the scope of delivery!)
(4) Flow direction

Recommended T-piece for installing the sensors

T-piece	Length L
DIN 11852, DN 25	50 mm
Similar DIN 11852, DN 25	27 mm

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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.