

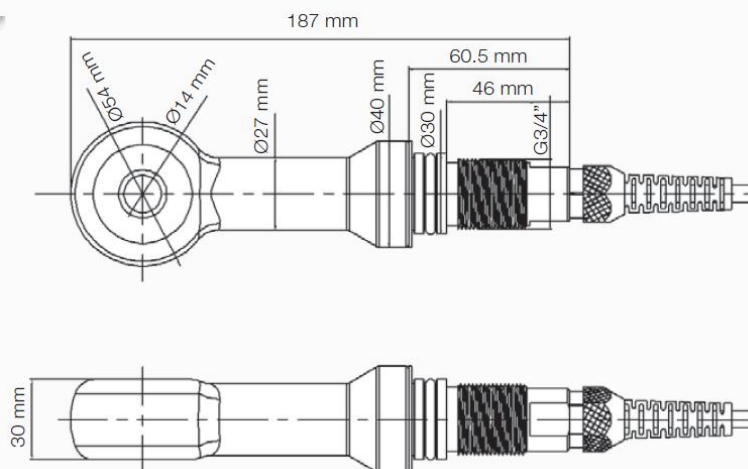


TM
DE DYNAMIC
Process Equipment

Toroidal Conductivity Sensor
ChemSense ICON-01

Inductive Conductivity Sensor

ChemSense ICON-01



The ICON-01 sensor is an inductive (toroidal) conductivity sensor designed for use in medium to very high conductivity, high fouling or coating, and corrosive solutions. By encapsulating the sensing elements in chemical-resistant PFA material, this sensor can be integrated into process systems that require long lifespan, reliable conductivity or chemical concentration measurement, especially in harsh conditions and aggressive solutions.

Applications

- Industrial Process
- Chemicals & Reagents
- Scrubber

Specification:

Inductive Conductivity Sensor		
Application		Chemicals, Reagents, Scrubbers Etc.
Model		ChemSense ICON-01
Type		Inductive (Toroidal) Sensor
Range		0.0 to 2000.0mS/cm
Temperature Sensor		PT-1000
Process Range	Temperature	-20 to 130 °C
	Pressure	0 to 16 Bar
Sensor Material		PFA
Body Material		SS 316
Cell Constant		2.7 cm ⁻¹
Process Connection		3/4" BSP Male (Check-nut)
Dimensions	Diameter	54mm (27 mm)
	Insertion Length	114 mm

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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...



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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.