

Digital Gateway, Sanitary, PTFE

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CHF Preis: Kontakt
Kein Versanddatum angezeigt

The low-maintenance design eliminates polarization or coating electrodes problems connected with electrode-type conductivity sensors. A built-in Pt1000 thermometer compensates for in process temperature changes. The measuring principle is based on inducin

Wide Measuring Range
Hach’s Inductive Conductivity Sensors measure 200 up to 2,000,000 microSiemens/cm. A built-in Pt 1000 RTD compensates the measured conductivity for changes in process temperature.

Low Maintenance Design
The inductive sensor design eliminates polarization and electrode coating problems that commonly affect conventional contacting electrode-type conductivity sensors.

Versatile Mounting Styles
Sensors can be installed using a choice of four mounting styles - immersion, insertion, union, and sanitary.

Principal of Operation
Inductive conductivity sensors induce a low current in a closed loop of solution, then measure the magnitude of this current to determine the solution’s conductivity. The conductivity analyzer drives Toroid A, inducing an alternating current in the solution. This current signal flows in a closed loop through the sensor bore and surrounding solution. Toroid B senses the magnitude of the induced current which is proportional to the conductance of the solution. The analyser processes this signal and displays the corresponding reading.

Withstands Harsh Environments
The inductive sensor is available in sanitary (CIP) flange style and convertible styles in PFA, polypropylene, PEEK, and PVDF material. Select sensors can withstand high pressures and temperatures.

Technische Daten

Anschlussgewinde:	2 " flange design, suitable for CIP/SIP, with special cap and EPDM compound gasket
Bemerkungen:	Composition: AD 3700 Digital Gateway 3708E2T analog inductive conductivity sensor 1 m digital cable
Betriebsbedingungen:	-10 - 200 °C (Sensor)
Druckbereich:	13,8 bar bei 200 °C
Durchfluss:	max. 3 m/s
Eintauchtiefe:	69.85 mm

Gewährleistung:	24 Monate
Inhalt:	Includes: sensor with 6 m cable and manual
Kabellänge:	6 m fixed cable + 1 m digital cable
Länge:	127 mm
Material:	Sensor Body: PFA
Messbereich:	200 µS/cm - 2000 mS/cm
Temperatur-Sensor:	Pt1000 RTD
Zellkonstante:	4.44 cm^{-1}

Inhalt

Includes: sensor with 6 m cable and manual

Erforderliches Zubehör

- SC1000 Sondenmodul für 4 Sensoren, 4x mA OUT, Relais, EU Kabel (Item LXV400.99.2R121)
- SC1000 Displaymodul (Item LXV402.99.00001)