

Analoge geleidbaarheidssensor Indumax CLS52

Inductieve geleidbaarheidssensor voor
toepassingen met snelle
temperatuurwisselingen



Voordelen:

- Ontworpen voor snelle temperatuurrepons
- Laag risico op vervuiling dankzij ingekapselde sensor
- Ongevoelig voor polarisatie

Overzicht specificaties

- **Measurement range** 0.1 to 2000 mS/cm
- **Process temperature** Max. 125°C (short time up to 140°C) max. 257°F (short time up to 284°F)
- **Process pressure** Max. 16 bar at 90 °C (Max. 232 psi at 194 °F)

Toepassingsgebied: De Indumax CLS52 inductieve geleidbaarheidssensor is uitgerust met een temperatuursensor van roestvrij staal die u een ultrasnelle temperatuurrepons geeft om exact te meten in scheidingstoepassingen.

Kenmerken en specificaties

Conductivity

Meetprincipe

Inductive

Application

Food, pharmaceuticals

Characteristic

Hygienic inductive measuring cell for conductivity measurements, concentration control, CIP-control, cleaning and phase separation.

Conductivity

Measurement range

0.1 to 2000 mS/cm

Measuring principle

Inductive conductivity measurement.

Design

Hygienic inductive conductivity cell with an outside temperature sensor for a faster temperature reading.

Material

Sensor: PEEK

Heat contact nut: stainless steel 1.4435

Sealing: Chemraz

Dimension

Coil: outside diameter: appr. 47 mm inside diameter: appr. 15 mm

Process temperature

Max. 125°C (short time up to 140°C)

max. 257°F (short time up to 284°F)

Process pressure

Max. 16 bar at 90 °C

(Max. 232 psi at 194 °F)

Temperature sensor

Integrated Pt100 in a heat contact nut

Ex certification

ATEX

Connection

Process connections: dairy fitting, Clamp, thread 1,5", Varivent, APV, Perlick, SMS cable: fixed cable connection.

Ingress protection

IP67

Conductivity

Additional certifications

Calibration certification.



info@lennotech.com Tel. +31-152-610-900

www.lennotech.com Fax. +31-152-616-289