

Inductive Conductivity Meter ILM-4



Application-Specific Design

- Inductive measurement of the specific conductivity of liquid media in the range of 0.1...20000 µS/cm
- Designed for hygienic applications for food, beverage and pharmaceutical industries

Application Examples

- Controlling of pH processes (e.g. glucose separation during brewing)
- Concentration measurement (e.g. Brix) and acid concentration for bottling
- Monitoring of product quality, quality control

Hygienic Design/Process Connection

- Hygienic process connection with CIP/WiP design
- Compliance to 3-Part Sanitary Standard (the variants with 2000 µS/cm) fulfil
- All contact materials are FDA-compliant
- Stainless steel body meets hygienic needs
- Complete overview of process connections via color code
- The Anderson Hellige 3-Part Sanitary system offers a clear, optimized hygienic and easy-installable installation solution for sensors.

Features/Benefits

- IP69K housing up to 120 °C (maximum for variants)
- Non-free, inductive measurement
- No contact to media (no measurement problems, no problems with electrode deterioration or polarization)
- Accurate measurement through compensation of temperature influences
- High reproducibility of ± 1 % of measurement value
- Active supports for conductivity and temperature are standard feature
- Active supports for conductivity, temperature or concentration are freely selectable
- Rapid temperature response time: T₉₀ 25...60 s
- Available in other dimensions from 200 µS

Options/Accessories

- Variant with longer model housing for pipes > 200 µS or for installation into T-tubing
- Pre-mounted cable for PLC plug-in connection
- Display module (length 150 mm) or 200 mm (longer than base from 200)
- Stainless steel with cable length up to 20 m

Communication

 IO-Link
  4...20 mA

ILM 4/100 Compact Version



ILM 4/100 Remote Version



Large View Interface (LVI)

