

## ANDERSON NEGELE - INDUCTIVE CONDUCTIVITY SENSOR, 3A

ILM-4 with I/O Link

ILM-4

- Direct measurement of concentration
- temperature compensated
- 4-20 mA conductivity / temperature outputs
- Fast temperature response time. T90, 15 ... 60 s
- Built-in display



### PRODUCT DESCRIPTION


Inductive conductivity meter ILM-4

With ILM-4 it is possible to directly measure the concentration of a medium which can effectively improve the CIP cleaning process and thereby also economically advantageous.

An effective CIP cleaning is dependent on a proper cleaning process. Too low concentrations can lead to insufficient cleaning results while too high concentrations result in increased product usage and longer flushing times, which in turn results in higher financial costs. The ILM sensor is perfect for controlling the right amount of detergent concentrations.

It is also suitable for product quality monitoring.

Other characteristics are:

- Now available with  **IO-Link**
- Accurate measurement results due to temperature-compensated measurement
- High repetition accuracy, <1% of the measured value
- Fast response time, T90 > 15 sec
- Analogue output (4-20 mA) for both conductivity and temperature
- FDA and 3-A approved
- Available in remote (shared) version, ILM-4R

## TECHNICAL DATA

<b>Analogue outputs</b>	2x 4-20 mA
<b>Approvals</b>	3-A, FDA
<b>Area of application</b>	Food
<b>IP class</b>	IP69K
<b>Material cover</b>	Polycarbonate
<b>Material of body</b>	Stainless steel 1.4308
<b>Material of connection</b>	Stainless steel 1.4305
<b>Material of wetted parts</b>	PEEK
<b>Measurement accuracy</b>	<10 mS/cm = 1 µS/cm / 10...100 mS/cm = 10 µS/cm / 100...999 mS/cm = 100 µS/cm
<b>Measurement range</b>	0-999 mS/cm
<b>Supply voltage dc max</b>	36 V DC
<b>Supply voltage dc min</b>	18 V DC
<b>Temperature ambient from</b>	-10 °C
<b>Temperature ambient to</b>	70 °C
<b>Temperature of media from</b>	-10 °C
<b>Temperature of media to</b>	130 °C