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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

For ordering codes please see data sheets below or click here
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TECHNICAL DATA

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