

392 INDUSTRIAL CONDUCTIVITY TRANSMITTER



- Isolated 4-20 ma output
- Selectable Wide Measurement Range
- Automatic Temperature Compensation
- 1/8 DIN Mounting
- Adjustable Zero
- High 50/60 Hz Noise Rejection

Description

The industrial conductivity transmitter is a 4-wire 4-20 mA conductivity transmitter enclosed in a 1/8 DIN aluminum mounting enclosure. The industrial conductivity transmitter has an isolated 4-20 mA output with display on a large LCD screen powered by 115/230 VAC. The conductivity transmitter has selectable conductivity values from 19.99 uS/cm to 199.9 mS/cm via internal dip switch and jumper settings. The industrial conductivity transmitter uses a 10k thermistor for 5 to 55°C values for automatic temperature compensation. The industrial conductivity transmitter connections are made with terminal blocks via spade lug connectors.

Specifications

Conductivity:

| <i>Range:</i> | <i>Resolution:</i> | <i>Cell Constant:</i> |
|------------------|--------------------|-----------------------|
| 0 to 19.99 uS/cm | 0.01 uS/cm | K=0.01 |
| 0 to 199.9 uS/cm | 0.1 uS/cm | K=1.0 |
| 0 to 1999 uS/cm | 1.0 uS/cm | K=1.0 |
| 0 to 19.99 mS/cm | 0.01 mS/cm | K=1.0 |
| 0 to 199.9 mS/cm | 0.1 mS/cm | K=10 |

Range: Selectable via dipswitch and jumper

Accuracy: ±1% of Span ± 1 Digit

ATC: 5-55°C ±2%/°C, 10k Thermistor

Output: 4-20mA (Isolated)

Load: 450 ohms

Isolation to GND: 500 VDC

Input Impedance: >10¹² ohm

Operating Temperature: 5-45°C

Power Source: 115 to 230 VAC ±15%, 50/60Hz

Mounting: 1/8 DIN Aluminum Case

Options and Accessories

392 Industrial Conductivity Transmitter
(Conductivity sensor not included)

392-120 Industrial Conductivity Sensor
SS probe, Platinum, K=1.0, 0 to 1000 uS, 10-ft cable, ABS Plastic Body, 3/4 in MNPT mounting, Tinned Leads

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