

392SBC HIGH RANGE INDUSTRIAL CONDUCTIVITY TRANSMITTER



- Measurement Range 0 to 5.0 mS/cm and 0 to 15.0 mS/cm
- Isolated 4-20 mA output
- Automatic Temperature Compensation
- 1/8 DIN Mounting
- Adjustable Zero
- High 50/60 Hz Noise Rejection

Description

The industrial high range 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 will display up to 15.0 mS/cm, however it will only provide an analog output up to 30 mA or 8.1 mS/cm. 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> 0 to 5.0 mS/cm	<i>Resolution:</i> 0.01 mS/cm	<i>Analog Output:</i> 4.0mA=0.00 mS/cm 20mA=5.00 mS/cm
0 to 15.0 mS/cm	0.01 mS/cm	4.0mA=0.00 mS/cm (Each 5/16 mS/cm thereafter = 1.0 mA up to 30 mA.)

Accuracy: $\pm 1\%$ of Span ± 1 Digit
ATC: 5-55°C $\pm 2\%$ / °C, 10k Thermistor
Cell Constant: K=1.0
Output: 4-20mA / 4-30mA (Isolated)
Input Impedance: $>10^{12}$ ohm
Operating Temperature: 5-45°C
Power Source: 115 to 230 VAC $\pm 15\%$, 50/60Hz
Mounting: 1/8 DIN Aluminum Case

Options and Accessories

392SBC Industrial High Range 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

392-121 Industrial Conductivity Sensor
 SS probe, Platinum, K=1.0, 0 to 5000 uS, 10-ft cable, ABS Plastic Body, 3/4 in MNPT mounting, Tinned Leads

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Visit our online catalog at:
www.globalw.com
 Our Address:
 11390 Amalgam Way
 Gold River, CA 95670