

Bar Graph Meter with Digital Display METRIMETER™

Features:

- Single tank instrument with digital and bar graph display
- Four input channels to monitor resistance-tape levels and temperature or overflow
- Five alarm indicators plus one fault indicator, and 3 relay outputs
- RS-485 serial interface
- Capable of remote alarm acknowledge and/or horn silence

Description:

The Metrimeter is a single tank instrument that directly interfaces with Metritape level and level / temperature sensors. It provides a 6-digit alphanumeric display, a 40-point bar graph display and six alarm and fault indicators. In addition, it may be used as a slave meter when connected to other systems. Through an extensive menu system, the meter may be set up and configured to match a customer's needs.

Specifications

Signal Inputs (Resistance): 4 Channels

Function

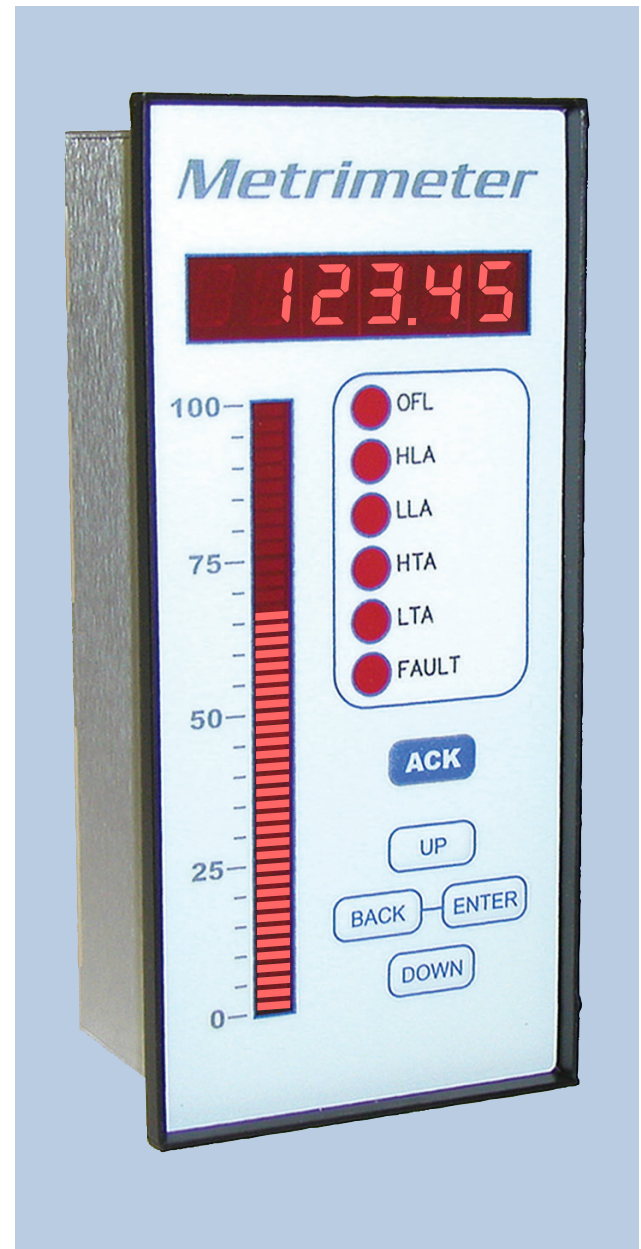
Channel 1	Level (full height)
Channel 2	Overflow Level (Metritape Sensor or Float Switch Contact Closure)
Channel 3	Upper Temperature (2 Temp sensors only) (1000Ω Platinum RTD)
Channel 4	Lower Temperature (1 and 2 temp sensors)

Resistance Range

Ch 1 - 4	10 - 39,000Ω
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Power Input:

Voltage:	90 - 250 VAC
Frequency:	50 - 60 Hz
Power Consumption:	8 watts



Environmental

Temperature operating: 0 to 50°C (32 to 122°F)
Temperature Storage: -20 to 60°C (-4 to 140°F)



Specifications (continued)

- Humidity: 5% to 95% (relative, non condensing)
- Enclosure: IP55, NEMA 4 front (when used with gasket)
- Isolation (line to case): 2kV DC, 60 seconds
- Dielectric resistance: >100 MΩ @ 500 VDC

Relays

- SPDT (Form C): Quantity 2
- SPST (Form A): Quantity 1
- Contact Rating: 5A, 250 VAC

Level Format: Ullage, Sounding, Innage

Volume / Weight Table: 20 Points

