

# JOWA USA

## 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.

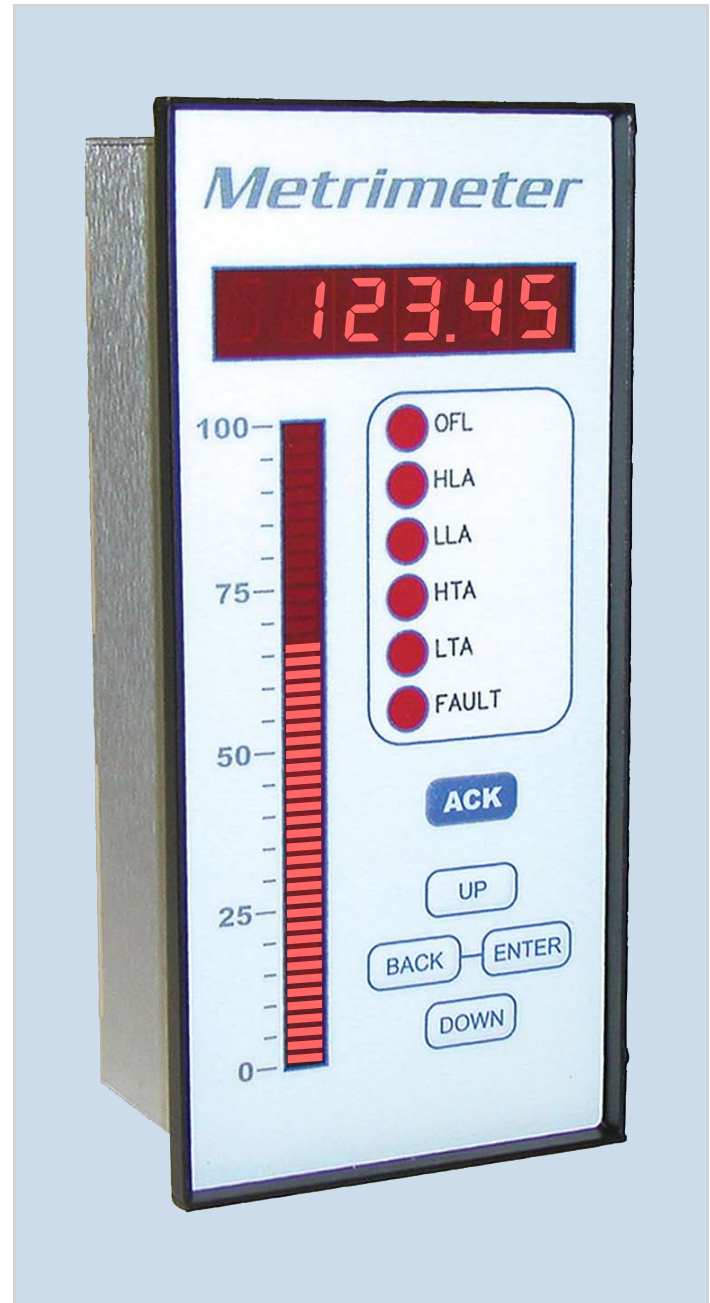
### Specifications

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)

Maximum Resistance

Ch 1 & 2	40,000Ω
Ch 3 & 4	4,000Ω



Power Input:

Voltage:	90 - 260 VAC
Frequency:	47 - 63 Hz
Power Consumption:	8 watts

Environmental

Temperature operating:	0 to 40°C (32 to 104°F)
Temperature Storage:	-20 to 60°C (-4 to 140°F)

## Specifications (continued)

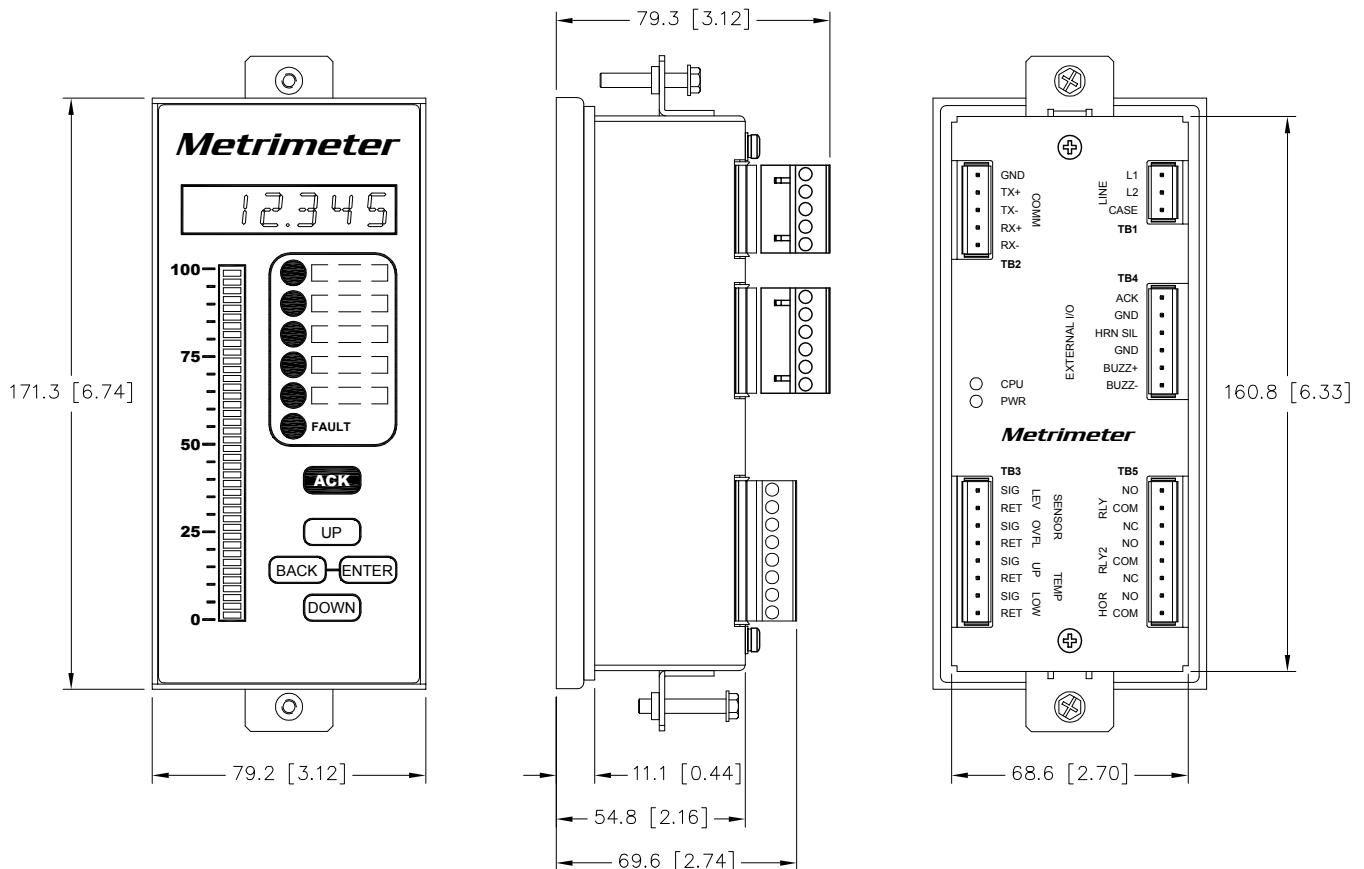
Humidity: 5% to 95% (relative, non condensing)  
 Enclosure: IP55, NEMA 4 front (when used with gasket)  
 Isolation (line to case): 2000 VRMS, 60 seconds  
 Dielectric resistance: >100 MΩ @ 500 VDC

### Relays

Form C: Quantity 2  
 Form A: Quantity 1  
 Contact Rating: 1A, 250 VAC

Level Format: Ullage, Sounding, Innage

Volume / Weight Table: 20 Points



### Disclaimer:

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