

# Trask Digital Scale Meters

For Bridge Type Input Signals



**IN STOCK  
ITEM**

## SELECTABLE SIGNAL CONDITIONING (Choice of One)

- **Load cell:** 20, 50, 100, 250 & 500 mV ranges, 1 microvolt sensitivity, 4 or 6-wire to avoid lead resistance effects

## STANDARD FEATURES

- Plug-in Option Boards
- Five Full Digits BiDirectional; +/- 99999 or +/-999990 (Dummy Zero)
- 50-60 Readings Per Second
- True Peak Hold, Auto Tare, and Automatic Adaptive Digital Filter
- Isolated 5, 10, or 24 VDC Excitation
- Worldwide power 85-264 Vac and 90-370 Vdc
- NEMA 4 Lens Cover
- 0.56" High Digits
- User Selectable Scaling, Front Panel

## ADDITIONAL FEATURES

- Auto Zeroing, via contact input
- 5 Digit Resolution to +/-99999 or +/-999990 (Dummy Zero)
- Net and Gross Weight by Reset Button
- Auto Tare or Manual Tare with Tare Value Stored in Non-Volatile Memory
- Count by 1, 2, 5, 10, 20, 50, and 100
- Push-button Scale Calibration Using 0 and Known Weight
- Selectable Dummy Right Hand Zero Allows Display up to 999,990
- Setpoint Control with "Dribble" Factor Compensation for Filling Applications

## SPECIFICATIONS

### Display

- Type MW50: 6 LED, 7-segment, 14.2mm (.56" high digits and 3 LED indicators
- Color: Red or Green
- Range: -99999 to +99999 and -999990 to +999990

### A to D Conversion

- Technique (Pat. 5,262,780): Concurrent Slope™
- Rate: 60/s at 60Hz operation; 50/s at 50Hz operation
- Output Update Rate: 56/s at 60Hz; 47/s at 50Hz
- Display Update Rate: 3.5/s at 60Hz; 3/s at 50Hz

### Accuracy at 25°C

- DC Volts, Amps, Ratio: 0.01% FS ±Ct.
- Error at 25°C: 0.01% FS ± 2 counts
- Span Tempco: 0.0015% of reading/°C
- Zero Tempco: Auto-zero
- Calibration Method: 2 points using zero weight and known weight

### Noise Rejection

- CMV from DC to 60Hz: Safety-rated to 250Vac 4.2 kVp per High Voltage Test
- CMR from DC to 60Hz: 130dB
- NMR to 50/60Hz Line: 90dB with minimum filtering

**For quality products at the very lowest prices, ASK TRASK! [www.traskinstrumentation.com](http://www.traskinstrumentation.com)**

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## Environmental

- Operating Temperature: 0 to 60°C
- Storage Temperature: -40 to 85°C
- Relative Humidity: 95% at 40°C noncondensing
- NEMA 4X (IP65) when mounted in panel

## Operating Power

- Voltage (std.): 85 to 264Vac, 90 to 370Vdc, 5 W max
- Voltage (opt.): 8 to 28Vac, 9 to 37Vdc, 5 W max
- Frequency: DC and 47 to 63Hz

## Excitation Power Supplies

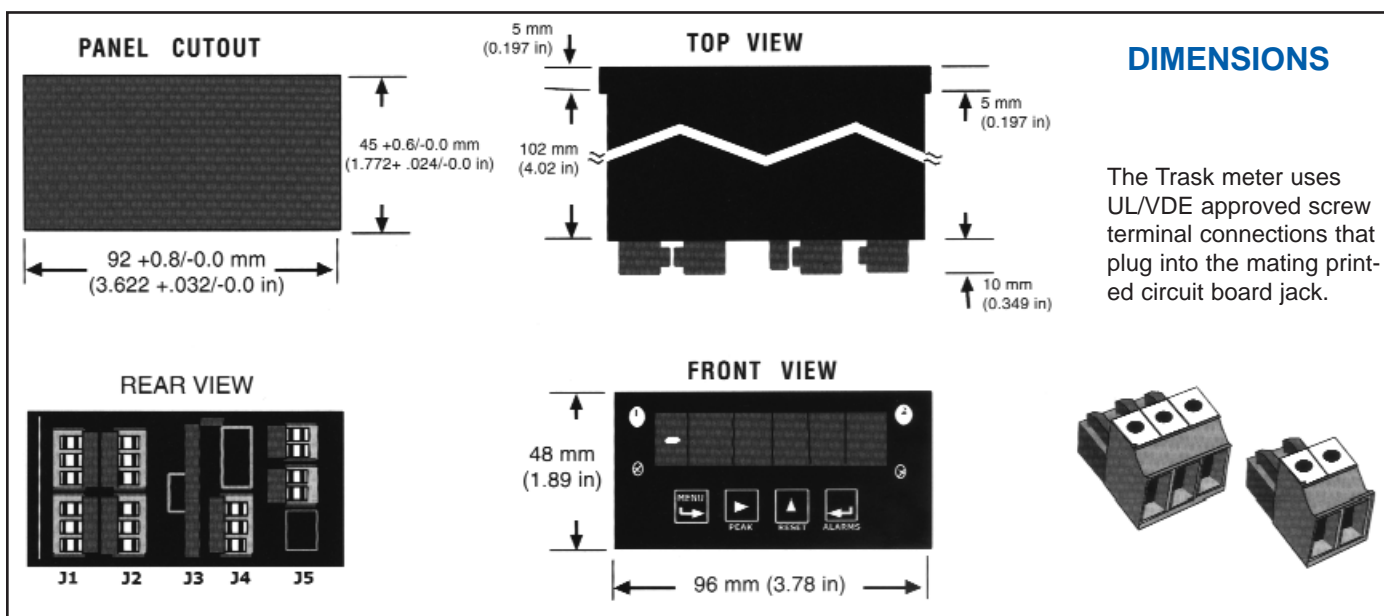
- Outputs: 5 Vdc, 5%, 100mA max.  
10Vdc, 5%, 120mA max.  
24Vdc, 5%, 50mA max.

- Isolation (power gnd.): Safety-rated to 250Vac  
4.2kVp per High Voltage Test

## OPTIONAL OUTPUT FEATURES

- Dual 8 AMP Relay Alarm Board, Form C
- Four 8 Amp Relay Alarm Board, Form A
- Open Collector Outputs
- Isolated RS232/485, Modbus RS485, USB,  
USB to RS485, Ethernet, Ethernet to RS485  
Computer Interface
- Isolated Analog Outputs 0-20 mA, 4-20 mA, 0 to 10  
Vdc and 0-5 Vdc. 16 Bit resolution. Scaleable for  
engineering Units.

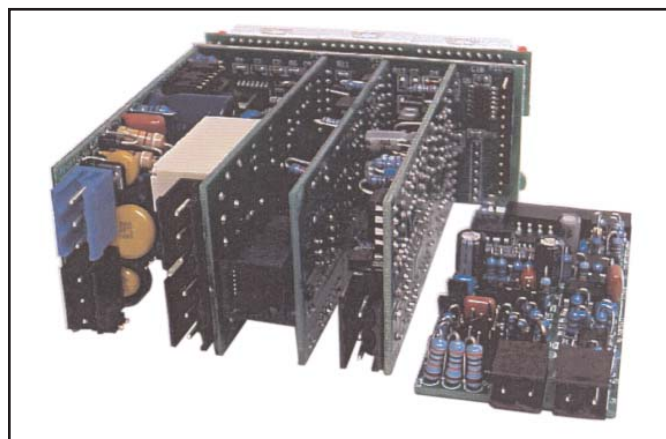
**SEE MANUAL FOR DETAILS**



## Meter Enclosure Options to simplify your meter installation.

One, two, three or four meter models available. Structural foam molded Thermoplastic, Clear Polycarbonate cover. Bezel precut for meter mounting.

	Model #	H x W x D
Single Meter	PN: PDA2407	9.9 x 6.5 x 6.7 (251 x 165 x 170)
Two meters	PN: PDA2408	
Three meters	PN: PDA2409	13.9 x 8.5 x 6.7 (352 x 216 x 170)
Four meters	PN: PDA2410	



Call today for up-to-date product prices.



See us on the web: [www.traskinstrumentation.com](http://www.traskinstrumentation.com)

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