

Trask Digital Process Meters

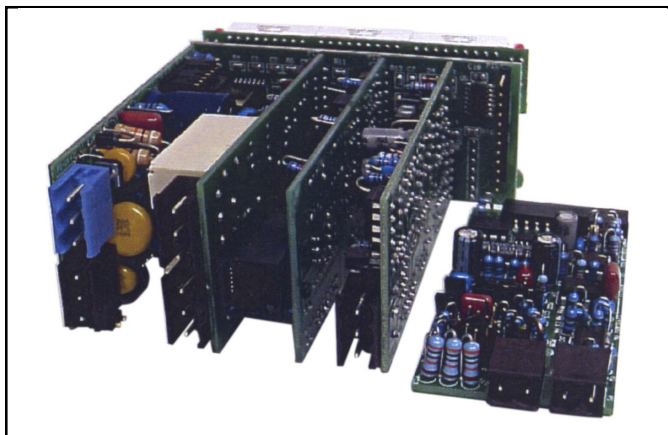
For Process Analog Type Signals



**IN STOCK
ITEM**

STANDARD FEATURES

- Plug-in Option Boards
- Five Full Digits BiDirectional; +/- 99999
- Up to 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 90-300 Vdc
- NEMA 4 Lens Cover
- 0.56" High Digits
- User Selectable Scaling, Front Panel



Completely Modular

SELECTABLE SIGNAL CONDITIONING (Choice of One)

- **DC:** ± 0.2 , ± 2 , ± 20 , ± 200 , $\pm 300V$ & $\pm 600V$ DC
 ± 2 , ± 20 , ± 200 mA and $\pm 5AC$
Reads process signals from $\pm 200mV$ to ± 600 Vdc or ± 2 mA to $\pm 5A$ full scale
- **AC:** 0.2, 2, 20, 200 & 600V AC or AC+DC voltage ranges with 132% overrange
2, 20, 200 mA & 5A AC or AC+DC current ranges with 132% overrange
- **Temperature:** J, K, T, E, R, N, S Thermocouple
- **Temperature:** 100 OHM Plat., 10 OHM Copper and 120 OHM Nickel RTD with 2, 3, 4 Wire Connection. DIN 0.00385 or ANSI 0.003925 ALPHA's
- **Resistance:** ranges from 20.000 ohm to 200.00 kohm
- **Load cell:** 20, 50, 100, 250 & 500 mV ranges, 4 or 6-wire to avoid lead resistance effects

SPECIFICATIONS

Display

- Type: 5-digit LED, 7-segment, 14.2mm
- Color: Red or Green
- Range: -99999 to +99999 and -99990 to +99990

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 \pm Ct.
- Thermocouple: 0.3°C maximum
- RTD: 0.06°C maximum
- True RMS (1 to 100%): 0.1% FS, 10Hz to 10kHz
- Load Cell Meter: 0.01% FS \pm 1 Ct.
- Span Tempco: 0.003% of reading/°C
Load Cell Meter: 0.0015% of reading/°C
- Zero Tempco: 0.1 Cts./°C
- Reference Junction: 0.03 degree/degree

For quality products at the very lowest prices, ASK TRASK! www.traskinst.com

414 West Poinsett St., Greer, SC 29650 • Phone (864) 848-3993 • Fax (864) 848-9569 • E-mail: mike@traskinst.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 300Vdc, 5 W max
- Voltage (opt.): 10 to 48Vdc, or 12 to 32Vac, 5 W max
- Frequency: DC and 47 to 63Hz

Excitation Power Supplies

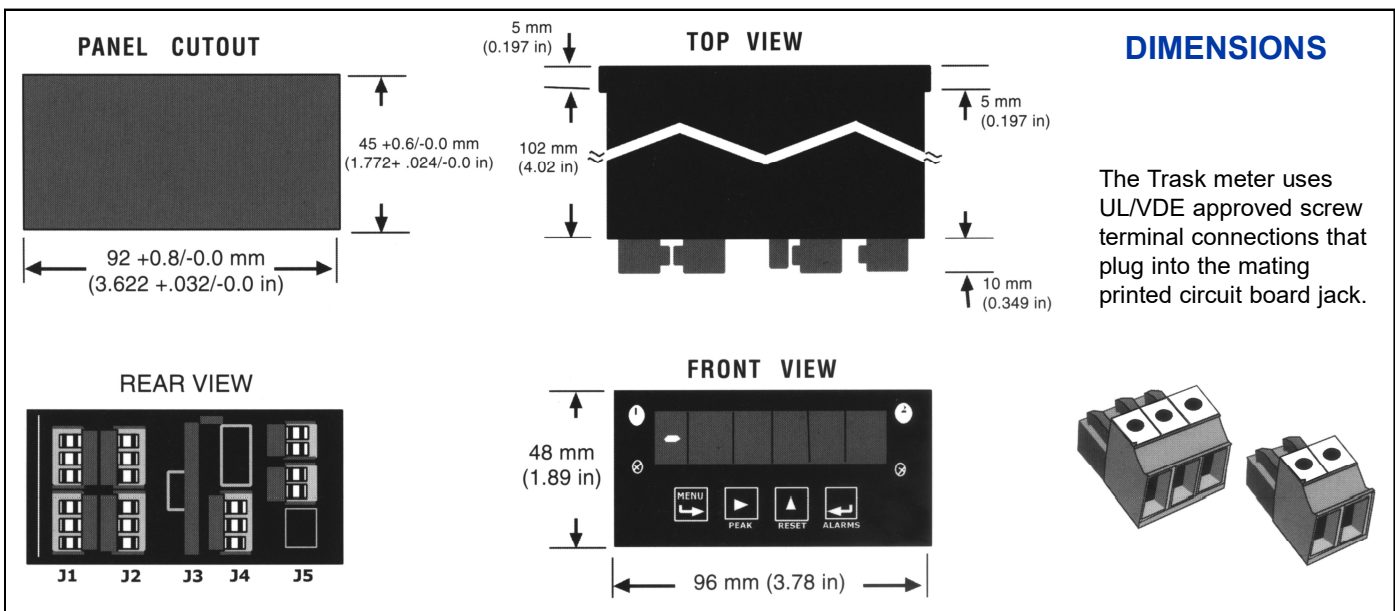
- Outputs: 5 Vdc, 5%, 100mA max.
10 Vdc, 5%, 120mA max.
24Vdc, 5%, 50mA max.
- Isolation (power grd.): Safety-rated to 250Vac
4.2kVp per High Voltage Test

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.

Relays, Analog output and Serial/Ethernet are all isolated

SEE MANUAL FOR DETAILS



NEMA 4 / IP67 Splash Proof Cover



Optional Meter Enclosure 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: PDA3407	10.25 x 8 x 6.5 (260 x 203 x 165)
Two meters PN: PDA3411	
Three meters PN: PDA3412	



See us on the web: www.traskinst.com

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