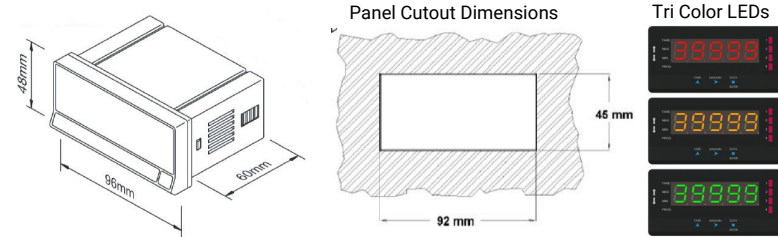## PMD4XT SERIES DIGITAL PANEL METER DISPLAY

Single-Point Programmable Digital Panel Meter Display

FEATURES

- Accepts one input channel
- 4.5-digit, bright tricolor LED display
- User programmable via front panel keypad
- NEMA-4X (IP65) when panel mounted (1/8 DIN cutout)
- Options: Dual alarms, Analog Output, Digital comms

Panel Cutout Dimensions

Tri Color LEDs

OVERVIEW

The PMD4XT series panel meter display is an ideal solution for industrial and laboratory applications. This high performance display is exceptionally flexible and affordable.

The 0.56" (14 mm) tall bright tricolor LED display is easy to read, even at a distance. The housing is a 1/8 DIN size panel-mount durable plastic polycarbonate case. All power and signal connections are convenient removable screw-clamp type connectors. Setup and scaling is intuitive using the front panel keypad.

Available options include Dual Alarm Contact Relays (8 Amp), Isolated Analog Output (0 to 10 VDC or 4 to 20 mA), and Digital Communications.

The internal micro processor A/D sample rate is a fast 20 samples per second, with an accuracy of 0.01%. The LED display update rate is 20 times per second.

SPECIFICATIONS

Input Types:	
DC	± 15mV, ± 30mV, ± 150mV, ± 10 V, ± 20 mA, Potentiometer
Thermocouple	J, K, N, T
RTD	PT100 (2, 3 or 4 wire)
Sensor Power:	5 , 10, or 24 VDC (jumper selectable)
Accuracy:	0.01% of full scale, +/- 2 counts
Resolution:	-19999 to +39999
Display:	5-digit tricolor LED, 0.56 inch (14 mm high), update 20 / second
A/D Rate:	0.05 / second (20 Hz)
Power:	10.5 to 70 VDC (DC powered version) 85 to 265 VAC (AC powered version) (option)
Relay contacts:	Dual, 8 Amp, Form C, Isolation 250 Vrms (option)
Analog Output:	0 to 10 VDC or 4 to 20 mA (option)
Dimensions:	3.8 inch x 1.9 inch x 2.4 inch (96 mm x 48 mm x 60 mm) Panel Cutout: 3.6 inch x 1.7 inch (92 mm x 45 mm)
Environment:	-10 to 60°C (14 to 140°F), 95% Max. RH (non-condensing)

Model	Meter Power	Analog Output	Alarm Relays	Digital Interface	Signal Input
PMD4XT	- ☐	- ☐	- ☐	- ☐	**-P**
	A 85 to 265 VAC **D** 10.5 to 70 VDC	**0** None **1** 0 to 10 VDC **4** 4 to 20 mA	**0** None **R** Dual 8 Amp	**0** None **2** RS-232 **4** RS-485 (MODBUS RTU) **E** Ethernet	**P** Process (DC Voltage, Potentiometer, Thermocouple, RTD)

ORDERING EXAMPLE

PMD4XT-D-1-R-2-P: Red LED, DC Power, 0 to 10 VDC Analog Output, Dual 8 Amp Alarm Relays, RS-232 Digital Interface, Process Input

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