

LARGE LED DISPLAYS



Features

- *Process, Temperature, Event, Voltage or Current Displays*
- *Highly visible 4" digits*
- *Clear, bright display, readable to a distance of 120'*
- *Easy set-up and calibration*
- *Temperature: °F or °C, range -99.9 to 999.9 ± 0.1 degrees, Types T,J, K, E, R, & S*
- *Process: Scalable inputs, adjustable span*
- *Custom configurations available*



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Display / Measurement Type	Process Control (DC voltage or current)	Trms AC, DC voltage or current (available 6/00)	Temperature			Event (available 9/00)
Standard Inputs	4-20 mA, 0-20 mA, 0-200 mV, 0-2 V, 1-5 V, 0-10 V, all scalable 0-1999 Display range: 1999-1999	0-20 mA, 0-200 mA, 0-2 A, 0-10 A, 5 A AC (for current transformer) 0-200 mV, 0-2 V, 0-10 V, all scalable 0-1999. Display range: 1999-1999	Type K, J, E T	Range -99.9 to 999.9 °C, -99.8 to 99.8°F -99.9 to 400.0°C -99.9 to 750.0°F	Resolution 0.1°C 0.2°F 0.1°C 0.1°F	Count up/down from 0-9999 frequency / tachometer counts/second, counts/minute counts/hour
Offset Range	Switch selectable, -140 to 140, -1500 to 1500		N/A			Preset counter to any number 0-9999
Display Format	4 segment red LED with switch-selectable decimal point		4 segment LED with fixed decimal point			4 segment LED - 6 and 8 segment LED available 9/00
Viewing Angle	100 degrees conical					
Digit Size	4 inch (102 mm) height					
Viewing Distance	120 feet					
Display Accuracy	1% +/- 1 count over full temperature range	1% +/- 1 digit over full temperature range	0.5°C, 1.0°F over full temperature range			+/- 1 count over full temperature range
Input Resistance	mA scale: 10 Ohms 200 mV scale: 250 kOhms All others: > 1 MOhm	20 mA scale: 10 Ohms 200 mA scale: 1 Ohm 0-10 A, 5 A scale: .01 Ohm 200 mV scale: 250 kOhms All others: > 1 MOhm	> 10 MOhm			1 MOhm
Conversion Rate	2.5 updates/second	2.5 updates/second	1 update/second			1 update/second
Power Requirements	Standard: 110-120 V, 50/60 Hz, 20 Watts Optional: 220-240 V, 50/60 Hz, 20 Watts					
Temperature Range	32 - 104°F (0 - 40°C)		50 - 86°F (10 - 30°C)			32 - 104°F (0 - 40°C)
Humidity Range	0 - 85% RH non-condensing					
Enclosure Material	14 gauge painted steel with plastic front panel					
Dimensions	15.8 in (40.1 cm) width by 6.0 in (15.2 cm) height by 2.3 in (5.7 cm) depth					
CONNECTIONS						
AC Power	IEC 320 inlet with detachable cord					
Signal	2 position screw -type terminal block					
OPTIONS						
Power Output	Isolated 24 Vdc, 0-100 mA for process control loop					N/A
Cutom Set-Up	Calibration of zero offset, gain, and decimal point per customer request			N/A		
Mounting	Metal mounting bracket with full-angle adjustment					

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