



AX020

Simple and inexpensive miniature panel meter with analog input

Product Features:

- Miniature panel housing (1.889 x 0.9449 inch)
- Bright LED display with 5 digits
- Analog input, configurable for voltage or current operation
- Power supply 10 to 30 VDC
- Display range -19 999 to 99 999
- Adjustable scaling factor and decimal place
- Latch input to freeze the display
- Minimum/ maximum memory
- Easy to set up by menu support
- Add-on frame for clip or screw mounting included
- Stickers for measurement unit indication included
- Protection class IP65 on front

Technical Specifications:		
Power supply:	Input voltage:	10 ... 30 VDC
	Protection circuit:	reverse polarity protection
	Consumption:	max. 50 mA
	Connections:	screw terminal, 1.5 mm ² / AWG 16
Analog input:	Resolution:	14 Bit
	Voltage input:	0 ... 10 V / 2 ... 10 V
	Internal resistance:	R _i ≈ 1 MOhm
	Current input:	0 ... 20 mA / 4 ... 20 mA
	Internal resistance:	R _i ≈ 100 Ohm
	Voltage drop:	max. 2 V at 20 mA
	Measurement cycle:	run-up: 2 s / return: 0.5 s
Control input:	Function:	display hold / latch
	Characteristic:	PNP, active high
	Signal levels:	LOW = 0 ... 2 V, HIGH = 4 ... 30 V
Accuracy:	Entire measuring range:	< 0.1 %, +/- 1 Digit (at 20° C / 68 °F ambient temperature)
	Temperature drift:	< 70 ppm/K
	Measuring rate:	2 measurements per second
Display:	Type:	5 digit LED, red
	Digit height:	8 mm / 0.3149 inch
	Range:	-19 999 ... 99 999
Housing:	Material:	plastic
	Mounting:	panel
	Dimensions:	cut out (w x h): 45 x 22 mm / 1.772 x 0.866 inch outer dimensions (w x h x d): 48 x 24 x 59 mm / 1.889 x 0.9449 x 2.323 inch
	Miscellaneous:	additional bezels for clip or screw mounting are included in the delivery
	Protection class:	front: IP 65 / rear: IP20
	Weight:	approx. 50 g
Ambient temperature:	Operation:	-20° ... + 55° C / -4° ... 131° F (not condensing)
	Storage:	-25° ... + 70° C / -13° ... 158° F (not condensing)
Conformity and standards:	EMC 2004/108/EC:	EN 61000-6-2, EN 61000-6-3, EN 61000-6-4
	RoHS 2011/65/EU:	EN 50581