



AX020

Miniature panel meter with analog input

Product Features:

- Miniature panel housing 1.889 x 0.945 inch with mounting frame for 1.969 x 0.984 inch
- Analog input, configurable for voltage or current operation
- Display range -19 999 to 99 999
- Bright LED display with 5 digits
- Power supply 10 to 30 VDC
- Adjustable scaling factor and decimal place
- Minimum/ maximum memory
- Totalizing counter
- Adjustable over- and underflow range
- Latch input to freeze the display
- Protection class IP65 on front
- Simple parameterization and menu navigation via 2 buttons

Technical Specifications:		
Power supply:	Input voltage: Protection circuit: Consumption: Connections:	10 ... 30 VDC reverse polarity protection max. 50 mA screw terminal, 1.5 mm ² / AWG 16
Analog input:	Resolution: Voltage input: Internal resistance: Current input: Internal resistance: Voltage drop::	14 Bit 0 ... 10 V / 2 ... 10 V Ri ≈ 1 MOhm 0 ... 20 mA / 4 ... 20 mA Ri ≈ 100 Ohm max. 2 V at 20 mA
Control input:	Function: Characteristic: Signal levels:	display hold / latch PNP, active high LOW = 0 ... 2 V, HIGH = 4 ... 30 V
Accuracy:	Entire measuring range: Temperature drift: Measuring time:	< 0.1 %, +/- 1 Digit (at 20° C / 68 °F ambient temperature) < 70 ppm/K 0,1s / 0,5 s
Display:	Type: Digit height: Range:	5 digit LED, red 8 mm / 0.3149 inch -19 999 ... 99 999
Housing:	Material: Mounting: Dimensions: Miscellaneous: Protection class: Weight:	plastic panel 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 0.945 x 2.323 inch additional bezels for clip or screw mounting are included in the delivery front: IP 65 / rear: IP20 approx. 50 g
Ambient temperature:	Operation: Storage:	-20°... + 65° C / -4° ... 141° F (not condensing) -25°... + 70° C / -13° ... 158° F (not condensing)
Conformity and standards:	EMC 2014/30/EU: RoHS (II) 2011/65/EU RoHS (III) 2015/863:	EN 61000-6-2, EN 61000-6-3, EN 61000-6-4, EN 61326-1 EN IEC 63000