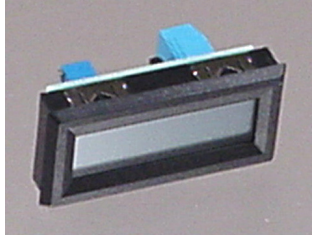


PROPORTION-AIR

PM-3 DIGITAL INDICATOR



- 3 1-2 digit display
- LCD display
- Compatible with Proportion-Air electro-pneumatic valves and transducers.

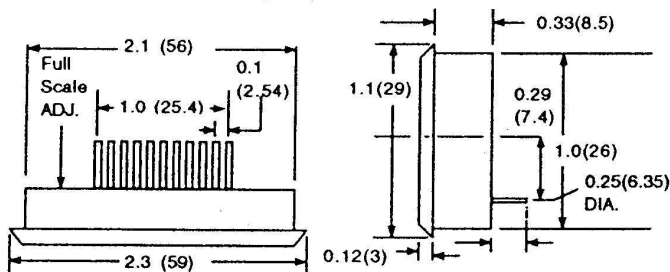
DESCRIPTION

The PM-3 is an enhanced-contrast LCD voltmeter. It has been calibrated to provide a direct pressure display from any input or output line from Proportion-Air's line of Electro-pneumatic regulators and transducers. It is useful as an actual pressure monitor and features low power requirements, extremely long life and easy viewing.

The PM-3 employs a dual slope integrating A/D converter and operates from an internal 100 mV reference via a precision DC/DC converter. Measuring only 2.3" x 1.1" x .04", the PM-3 will fit virtually anywhere.

Overall accuracy of 0.5%, automatic changeover, auto-zero and over-range indication, and easy installation means you can upgrade an entire monitoring system. The PM-3 is usually used in pairs, with "command input" and "analog out" signals most frequently monitored.

DIMENSIONS



SPECIFICATIONS

Input

| | |
|--------------------------|-----------------------------|
| Configuration: | Bipolar, fully differential |
| Full Scale Input: | +/- 20 VDC |
| Sampling Interval: | 3x second |
| Input Offset Adjustment: | Auto Zero |
| Input Impedance: | > 1M Ω |

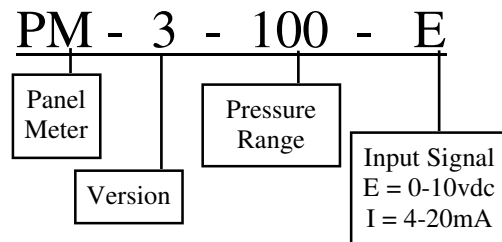
Performance

| | |
|--------------------------|----------------------------|
| Accuracy: | +/- 0.5% |
| Over voltage Protection: | +/- 350 VDC (on input) |
| Input Current: | 100pA |
| Display Type: | 3 ½ Digit LCD (.35 in/9mm) |
| Over voltage Indication: | Blanking Display |

Environmental

| | |
|------------------------|---------------------------|
| Storage Temperature: | -10 to 60 Deg C |
| Operating Temperature: | 0 to 50 Deg C |
| Relative Humidity: | 0 to 95% (non-condensing) |
| Required Power: | 8 to 24 VDC @ 5mA max |

ORDERING INFORMATION



PROPORTION-AIR, INC.

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BRPM3

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