

Model GM-A

Digital Display/Signal Conditioner



DESCRIPTION

The GM-A is a cost-efficient digital readout that works with amplified (0 V to 5 V or 4 mA to 20 mA) transducers or transmitters. This unit supplies power to the sensors. Two-wire current is user jumper selectable for use with two-wire current transducers. Separate power supply required for three-wire current use. Not for use with intrinsically safe applications utilizing a barrier.

FEATURES

- High level (amplified) transducer input
- 4 1/2 digit LED display
- Large 14,2 mm [0.56 in] readout
- High speed analog output
- Transducer current drive 30 mA (max.)

Model GM-A

ELECTRICAL SPECIFICATIONS

Characteristic	Measure
Number of characters displayed	4 1/2
Power requirements, standard	115 Vac @ 5 W
Power requirements, optional	220 Vac
Conversions per second	3
Scaling method	Zero and span adjustment
Polarity indication	Yes
Decimal point selection	Jumper (non-solder)
Display size	14,2 mm [0.56 in]
Overrange indication	Flashing display
Display resolution	1/20000 max.
Digital display	LED
Analog output	±5 Vdc
Amplifier output impedance	< 2 ohm
Accuracy	±0.03 %
Amplifier frequency response	250 Hz
Coarse zero adjustment	±40 %

ENVIRONMENTAL SPECIFICATIONS

Characteristic	Measure
Temperature, storage	-29 °C to 93 °C [-20 °F to 200 °F]
Temperature, operating	0 °C to 54 °C [32 °F to 130 °F]

PHYSICAL SPECIFICATIONS

Characteristic	Measure
Weight	1 kg [2.25 lb]
Mounting	Bench, rack or panel (panel mount included with unit)
Case size (standard)	1/8 DIN
Case material	Noryl plastic
Input/output connector	Removable with screw terminal

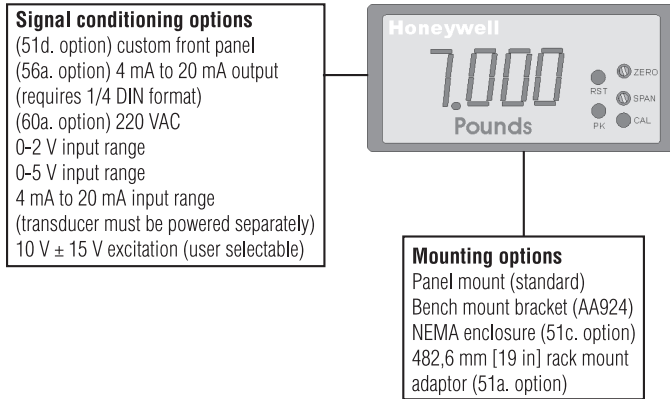
Not RoHS compliant

OPTION CODES

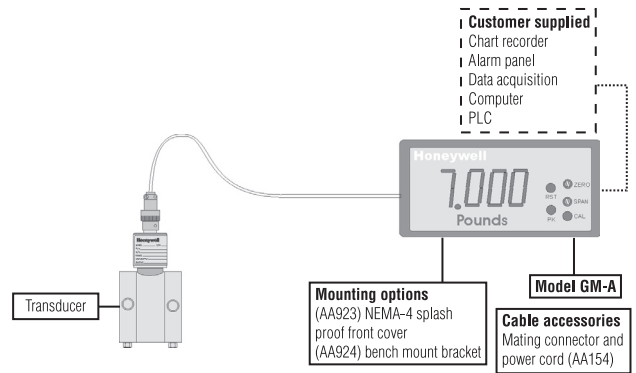
	Many range/option combinations are available in our quick-ship and fast-track manufacture programs. Please see http://sensing.honeywell.com/TMsensor-ship for updated listings.
Power supply	110 Vac 60a. 220 Vac
Front panel	51d. Custom front panel
Mounting options	51a. Rack mount adaptor 51c. NEMA enclosure

Digital Display/Signal Conditioner

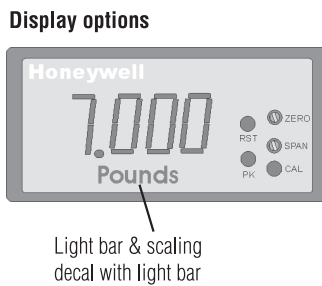
FLEXIBLE PLATFORM



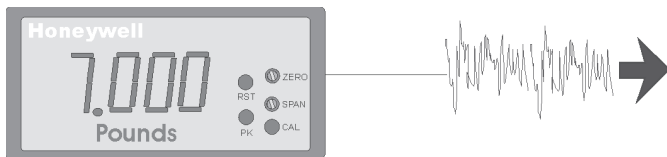
TYPICAL SYSTEM DIAGRAM



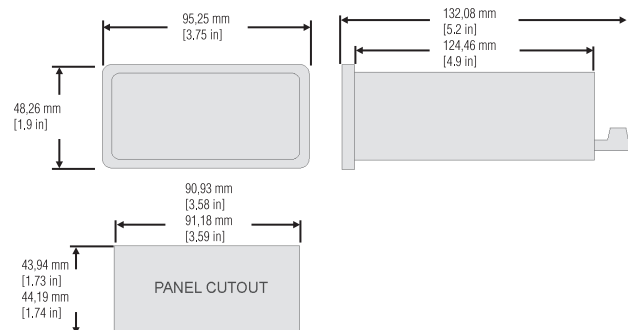
COMPREHENSIVE SIGNAL CONDITIONING



High speed analog

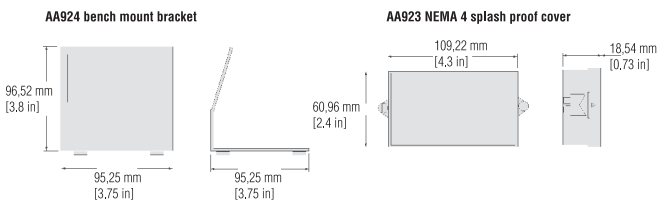


MOUNTING DIMENSIONS AND CHARACTERISTICS



For reference only

ACCESSORIES AND OPTIONS DIMENSIONS



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For more information about Sensing and Control products, visit www.honeywell.com/sensing or call +1-815-235-6847

Email inquiries to info.sc@honeywell.com

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PERSONAL INJURY

- DO NOT USE these products as safety or emergency stop devices or in any other application where failure of the product could result in personal injury.

Failure to comply with these instructions could result in death or serious injury.

⚠ WARNING
MISUSE OF DOCUMENTATION

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- Complete installation, operation and maintenance information is provided in the instructions supplied with each product.

Failure to comply with these instructions could result in death or serious injury.

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