

MAGNELAB

Loop Powered Device MGT-0420

DIN Rail Mounted, Universal 4-20 mA True RMS Signal Transducer

APPLICATIONS

- The MGT-0420 signal transducer converts zero to 333mV AC signal to standard 4 to 20 mA DC voltage.
- This device is not recommended for use with the Magnelab RCS unit. (See MGS-1800 Series for 3-phase applications)
- The MGT-0420 helps to reduce inventory by allowing the measurement of various signals by simply changing the unit input device.



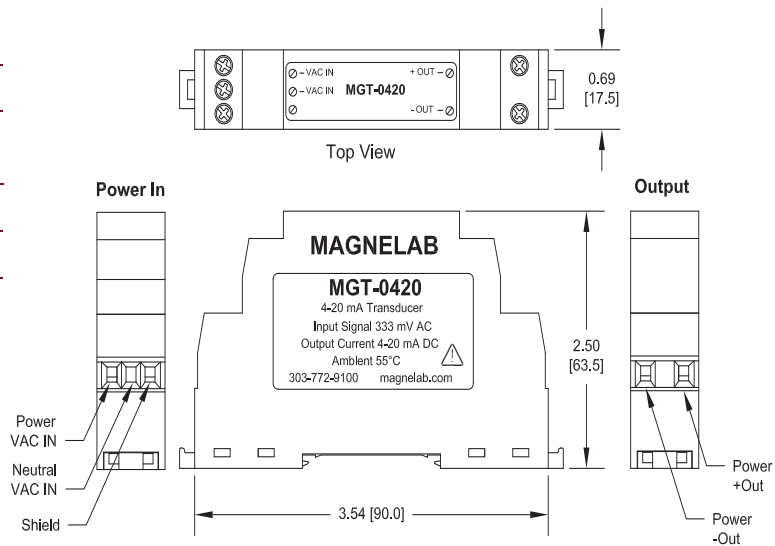
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SPECIFICATIONS

Power:	Standard 4 - 20 mA loop voltage 8 - 35 VDC
Input:	0-333 mV full scale AC voltage
Output:	4 -20 mA loop (Sinking) Max. impedance 750 Ω @ 24 VDC
Accuracy:	True RMS, 0.3% Full scale, up to crest factor 4
Frequency:	40 to 3000 Hz
Temperatures:	Operating: -30°C to 75°C Storage: -40°C to 85°C
Terminals	Screws Type
DIN Rail	EN 50022
Safety:	Conforms to UL 61010-1
Weight	0.1 lbs (0.045 kg)

FEATURES

- Highly accurate, true RMS measurement ideal for distorted wave forms
- Self powered from the 4 - 20 mA loop
- Robust construction, compact size and easy wiring



Dimensions are in Inches and [Millimeters]

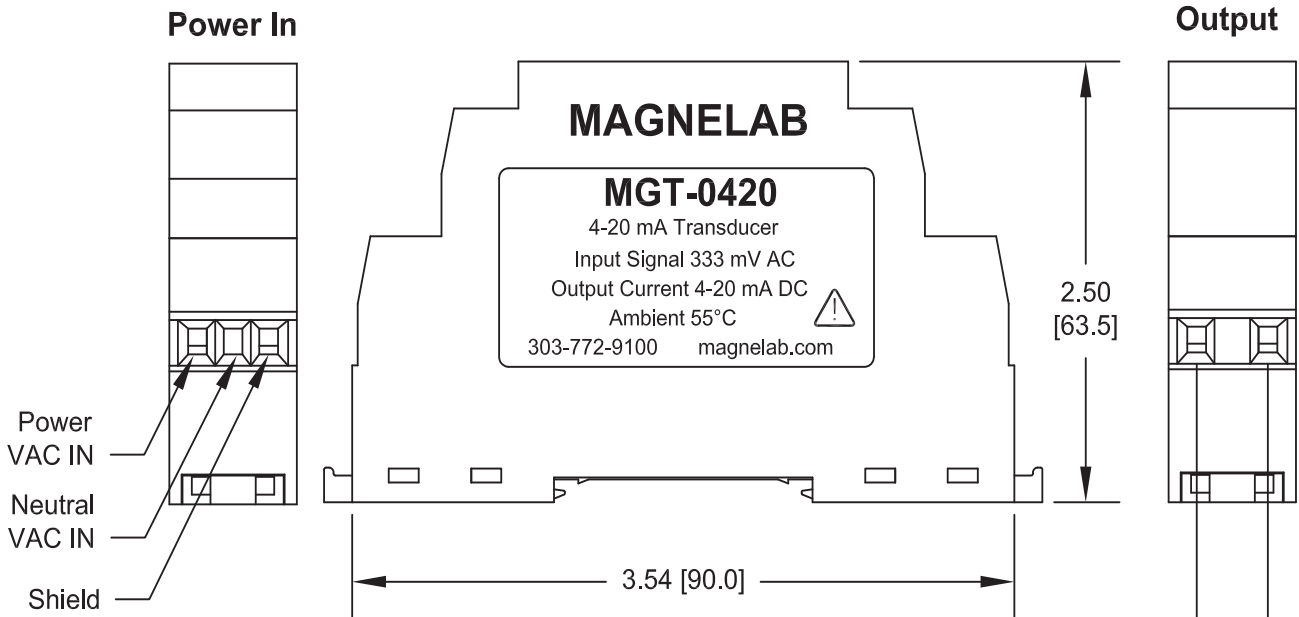
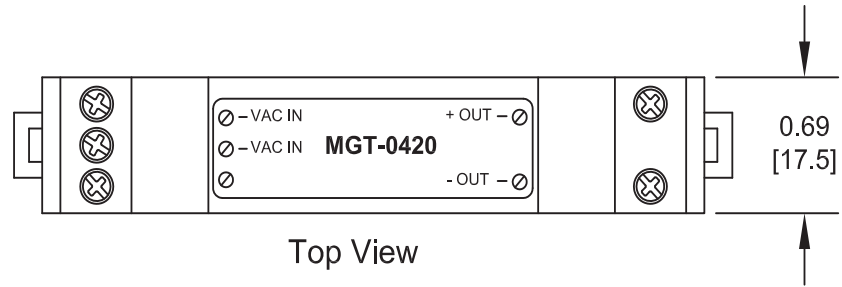
ORDER INFORMATION

PART NUMBER	INPUT	OUTPUT	ACCURACY (FULL SCALE)
MGT-0420	0-333 mV	4-20 mA	0.3%



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