

SIGNAL CONDITIONERS

SIGNAL CONDITIONER

MODEL MSG

DIN RAIL MOUNTED

FEATURES

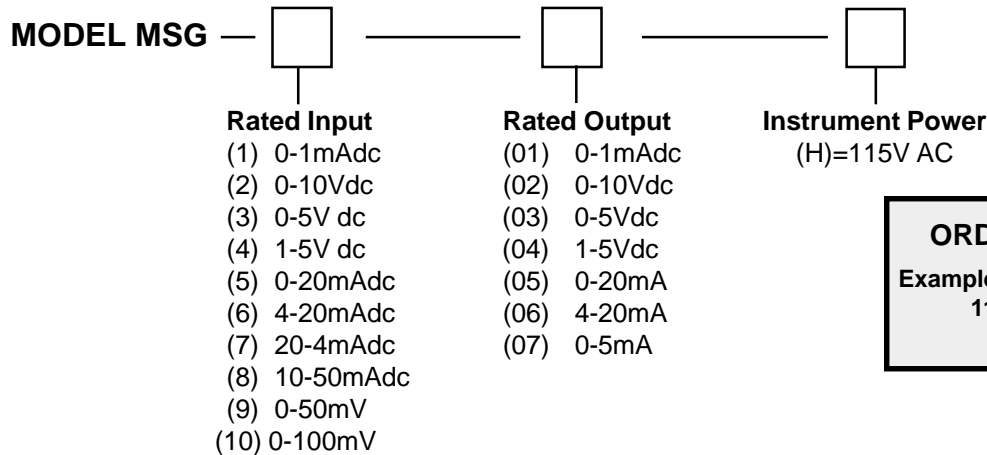
- High CMV isolation of 1000Vdc.
- Isolated linear output from a standard or non-standard input process signal.
- Factory calibrated for various input and output signals. Special ranges and calibration available.
- Zero and Cal "Span" adjustments.
- Easy-mount DIN enclosure

APPLICATIONS

- Process control
- Signal isolation
- Signal conversion



MODEL SELECTION



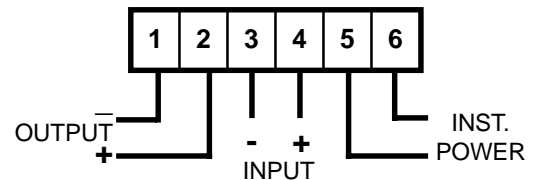
ORDERING INFORMATION

Example: 4-20mA input, 0-1mA output,
115Vac instrument power.
MSG-6-01-H

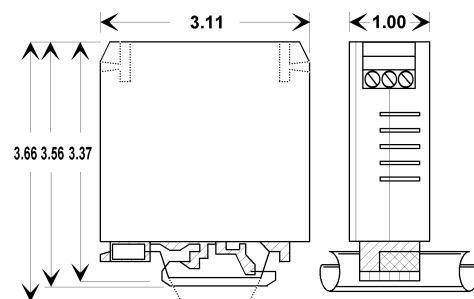
MODEL MSG SPECIFICATIONS

INPUT	See Table
Frequency	dc
Burden	
1mA	1K Ohms
10V, 1-5V	>100K Ohms
20mA	100 Ohms
50mA	40 Ohms
Overrange	2 Times rated input
Response Time	1 millisecond
Isolation	
(Input/Output)	1000Vdc
(Input/Output to Inst. Pwr.)	1500Vdc
Instrument Power	100 to 135Vac, 50-400Hz, 3.5VA
OUTPUT	See Table
Load on Output	
1mA	0 to 10K Ohms
10V, 1-5V	2K Ohms to Infinity
20 mA	0 to 500 Ohms
Response Time	10 milliseconds
Ripple	<±0.5% F.S.
Linearity	±0.1% F.S.
ACCURACY...(Set Point)	±0.25% F.S.
Temperature Effect...(-20°C to 65°C)	± 0.01%/°C

CONNECTION DIAGRAM



MODEL MSG DIMENSIONS



ALL DIMENSIONS IN INCHES

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