

DIN-RAIL MOUNTING

FEATURES

- Isolated linear output from a standard or non-standard input process signal.
- Factory calibrated for various input and output signals.
- DIN-style case

APPLICATIONS

- Process control
- Signal isolation
- Signal conversion



MODEL SELECTION CHART

MSG - □ - □ - □

RATED INPUT	RATED OUTPUT	INSTRUMENT POWER
(1) 0-1mAdc	(01) 0-1mAdc	(H) 115Vac
(2) 0-10Vdc	(02) 0-10Vdc	(5) 5Vdc
(3) 0-5Vdc	(03) 0-5Vdc	(12) 12Vdc
(4) 1-5Vdc	(04) 1-5Vdc	(15) 15Vdc
(5) 0-20mAdc	(05) 0-20mAdc	(24) 24Vdc
(6) 4-20mAdc	(06) 4-20mAdc	
(7) 20-4mAdc	(07) 0-5mAdc	
(8) 10-50mAdc		
(9) 0-50mVdc		
(10) 0-100mVdc		

ORDERING INFORMATION

Example:
4-20mAdc Input and 0-1mAdc
Output, 115Vac Instrument Power.
MSG-6-01-H

**5 YEAR
WARRANTY**

SPECIFICATIONS

INPUT

Current, Voltage See Table
Burden
0-1mA models 1kΩ
5V, 10V, 1-5V, 50mV, 100mV models min. 100kΩ
4-20mA models 100Ω
0-50mA models 40Ω
Over-range 2 X rated input.
Response Time 1ms

DIELECTRIC TEST

Input to Output 1000Vdc
Input/Output to Instrument Power 1500Vdc

INSTRUMENT POWER

Standard 95-135Vac, 50-400Hz, 3.5VA
Optional See Table

OUTPUT

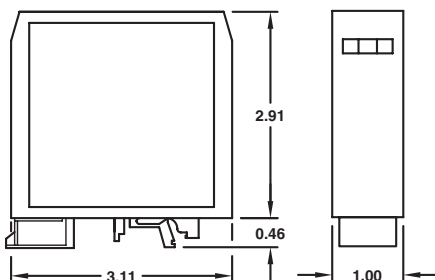
Current, Voltage See Table
Loading
0-1mA models 0-10kΩ
0-5mA models 0-2kΩ
0-5V, 0-10V models >2kΩ
1-5V models >1MΩ
4-20mA models 0-500Ω
Response Time 10ms
Field-Adjustable Cal. Span ±10%
Zero ±1%

ACCURACY Set Point ±0.25% F.S.
Linearity ±0.1% F.S.
Ripple <±0.5% F.S.

TEMPERATURE & PHYSICAL

Operating Temperature Range -20°C to 65°C
Temperature Effect ±0.01%/°C
Termination #14 AWG max.
Net Weight 0.24 lb

CASE DIMENSIONS AND CONNECTION DIAGRAMS



All dimensions in inches

Mounts on standard
35mm top-hat DIN-rail
per EN50022/EN50035

