

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

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:
4-20mA Input and 0-1mA 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 and 100mV models min. 100kΩ
0-20mA, 4-20mA and 20-4mA models 100Ω
10-50mA 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 and 0-10V models >2kΩ
1-5V models >1MΩ
0-20mA and 4-20mA models 0-500Ω
Response Time 10ms
Field-Adjustable Cal Span ±10%
Zero ±1%

ACCURACY

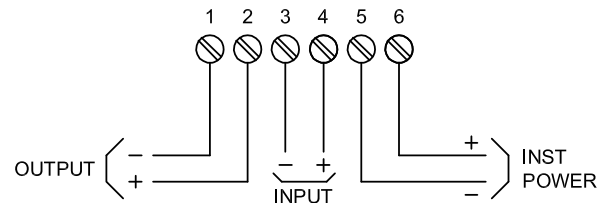
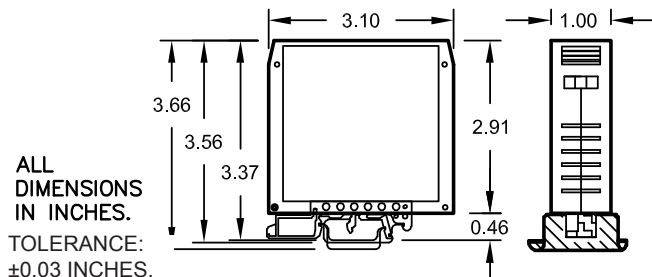
Set Point ±0.25% F.S.
Linearity ±0.1% F.S.
Ripple <±0.5% F.S.

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

MOUNTS ON STANDARD 35MM TOP-HAT DIN-RAIL
PER EN50022 OR 32MM "G" RAIL PER EN50035.



Dwg# 0902-00865-B Rev --