

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				

* These outputs not available with "H" instrument power models.

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%

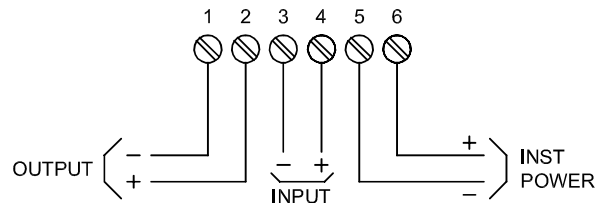
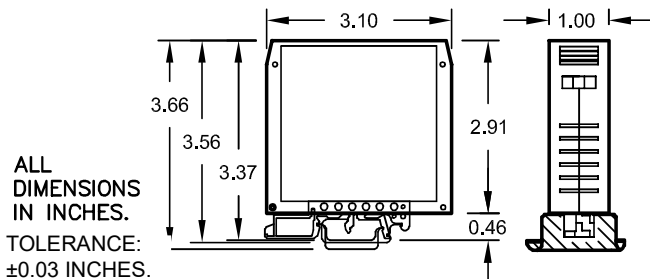
ACCURACY Set Point ±0.25% F.S.
 Linearity ±0.1% F.S.
 Ripple <±0.5% F.S.

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# 0902-00885-B Rev --



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