SIGNAL CONDITIONERS

PROCESS 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

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, 0-1mA Output, 115Vac Instrument Power.

MSG-6-01-H

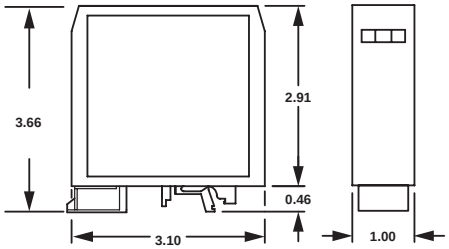
SPECIFICATIONS

INPUT.....See Table
Frequency.....dc
Burden (Ω)
1mAdc.....1K
5Vdc,10Vdc,1-5Vdc,50mVdc,100mVdc.....min. 100K
20mAdc.....100
50mAdc.....40
Over range..... 2 X rated input
Dielectric Test .... (Input to Output) 1000Vdc
(Input/Output to Inst. Pwr.)..... 1500Vdc
Instrument Power..... 95-135Vac, 50-400Hz, 3.5VA
Termination.....14 AWG max.
Weight .....0.4 Lb.

OUTPUT
ACCURACY .... (Set Point) ..... ± 0.25% F.S.
(Linearity)..... ± 0.1% F.S.
Load on Output (Ohms)
1mAdc.....0-10K
5mAdc.....0-2K
5Vdc,10Vdc.....>2K
1-5Vdc..... >1M
20mAdc..... 0-500
Response Time.....10ms
Ripple ..... < ±0.5% F.S.
Temperature Range.....-20°C to +65°C
Temperature Effect .....±0.01%/°C

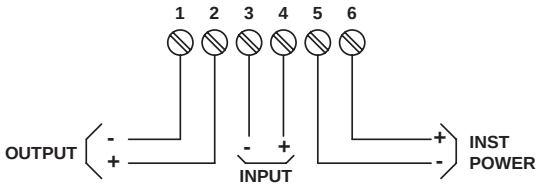
DIMENSIONS

UNIT CAN BE MOUNTED ON:
RAIL EN50035 (DIN 1)
RAIL EN50022 (DIN 2)



All Dimensions In Inches

CONNECTION DIAGRAM



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