

## Model DMA DIN Rail Mount Signal Conditioner

- User selectable analog output  $\pm 10V$ ,  $\pm 5V$ , 4-20mA
- 10-28 VDC power
- Selectable full scale input range 5 to 50 mV
- DIN Rail Mountable

**NEW!**



### Model DMA DIN Rail Mount Amplifier for strain gage transducer input

#### Terminal

- 1 Ground
- 2 Vsupply (10-28 VDC)
- 3 - Excitation
- 4 + Excitation
- 5 Iout (4-20 mA)
- 6 Vout ( $\pm 5$  or  $\pm 10$  V)
- 7 - Signal
- 8 + Signal

**Interface**

ADVANCED FORCE MEASUREMENT  
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### SPECIFICATIONS

#### POWER

DC .....10-28 VDC

#### EXCITATION

Voltage .....5 or 10 VDC

Current .....30 mA Max

#### PERFORMANCE

Output 1 ..... $\pm 5V$  or  $\pm 10V$  Full Scale

Bipolar, jumper selectable

Output 2 .....4-20 mA Full Scale Unipolar

Input Range .....5 to 50 mV FS

coarse and fine adjust

Dynamic Response .....DC to 1000 HZ

Zero Offset Range ..... $\pm 50\%$  FS Output

Course and fine adjust

Nonlinearity .....0.01% FS

Span Temp Coef. ....0.004%/°F Max

Zero Temp Coef. ....0.5  $\mu V$ /°F Max

#### ENVIRONMENTAL

Operating Temp .....-32° F to +158° F

Dimensions .....0.70" x 3.90" x 2.30"

Mounting .....35mm DIN Rail