

Model DMA DIN Rail Mount Signal Conditioner

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



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 (± 5 or ± 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. Coefficient 0.004%/°F Max

Zero Temp. Coefficient 0.5 $\mu V/^\circ F$ Max

ENVIRONMENTAL

Operating Temp. $+32^\circ F$ to $+158^\circ F$

Dimensions 0.70 in X 3.90 in X 2.30 in

Mounting 35mm DIN Rail