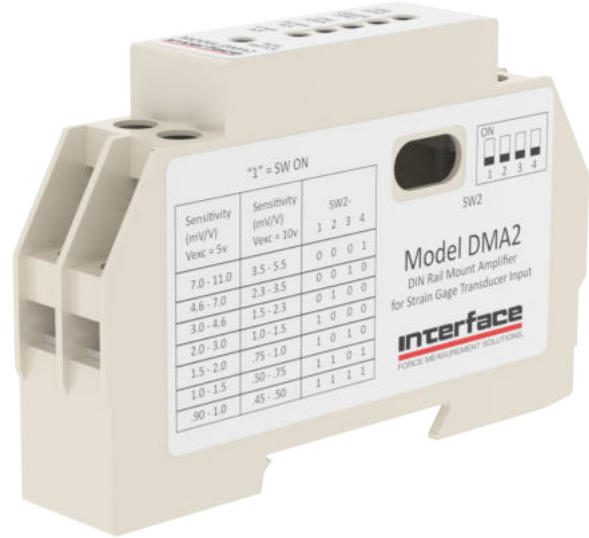


DMA2 DIN RAIL MOUNT SIGNAL CONDITIONER (U.S. & METRIC)

FEATURES & BENEFITS

- 10-28 VDC power
- User selectable analog output $\pm 10V$, $\pm 5V$ or 4-20 mA
- Selectable full scale input range 5-50mV
- DIN rail mountable
- R-Cal Button / Resistor installed (60K ohm default)

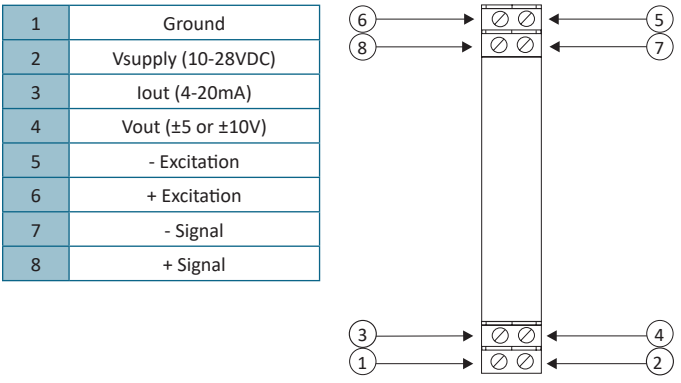
STANDARD CONFIGURATION



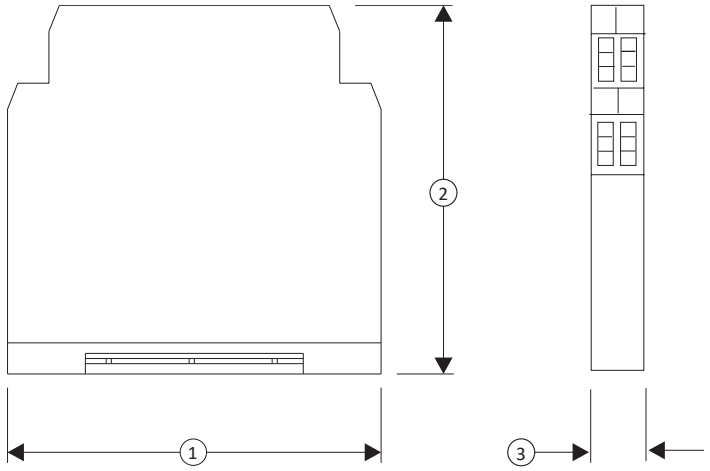
SPECIFICATIONS

EXCITATION		
Excitation Voltage – VDC	5-10	
Excitation Current – mA MAX	30	
PERFORMANCE		
Output 1 – VDC	± 5 or ± 10 Full Scale Bipolar Jumper Selectable	
Output 2 – mA	4-20 Full Scale Unipolar	
Input Range – mV FS	5 to 50 Coarse & Fine Adjust	
Dynamic Response – Hz	DC to 1000	
Zero Offset Range – % FS	± 50 Output Coarse & Fine Adjust	
Nonlinearity – %FS	0.01	
Span Temperature Coefficient – % / °F Max	0.004	
Zero Temperature Coefficient – μV / °F Max	0.5	
ENVIRONMENTAL		
Operating Temperature	°C	0 to +70
	°F	+32 to +158
MECHANICAL		
Mounting – mm	35 DIN Rail	
POWER		
DC – VDC	10-28	

WIRING DIAGRAM



MODEL DMA2 (Shown)



DIMENSIONS

1		2		3	
in	mm	in	mm	in	mm
3.9	99.1	2.3	58.4	0.7	17.8

Note: The DMA2 can provide both VDC and 4-20mA outputs simultaneously. However, ground loop issues may occur because they both use a common ground. This will be mitigated if the DAQ is a differential input. Maximum drive and source current of the VDC output is +/-10 mA.

International System of Units (SI) dimensions and capacities are provided for conversion only. Standard products have U.S. capacities and dimensions. SI capacities available upon special request and at an additional cost.

Datasheet DMA2 v2.3 06-05-2024