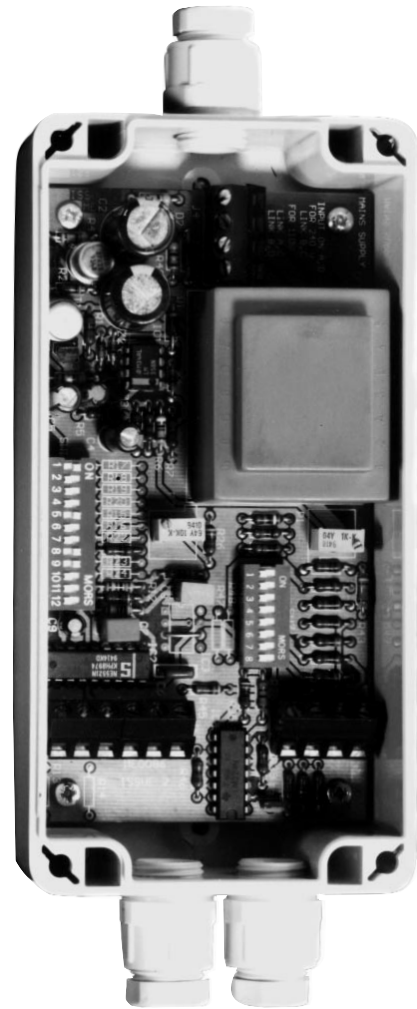


# Model SGA AC/DC Powered Signal Conditioner



- User selectable analog output  $\pm 10V$ ,  $\pm 5V$ , 0-10V, 0-5V, 0-20 mA, 4-20 mA
- 110 VAC, 220 VAC OR 18-24 VDC power
- Switch selectable filtering 1 Hz to 5 kHz
- Single channel powers up to 4 transducers
- Selectable full scale input range 0.06 to 30 mV/V
- Switch selectable offset  $\pm 70\%$  FS
- Sealed ABS enclosure



## SPECIFICATIONS

### POWER

AC ..... 110 VAC 60 Hz  
or 220 VAC 50 Hz  
DC ..... 18-24 VDC

### EXCITATION

Voltage ..... 10 VDC  $\pm 5\%$   
Current ..... 118 mA

### PERFORMANCE

Output .....  $\pm 10V$ ,  $\pm 5V$  Bipolar  
0-5V, 0-10V Unipolar  
0-20 mA, 4-20 mA Unipolar  
Input Range .....  $\pm 0.06$  to  $\pm 30$  mV/V  
Switch selectable  
Max Bandwidth ..... 6 kHz  
Filter ..... 1 Hz to 5 kHz  
Switch selectable  
Offset .....  $\pm 70\%$  FS  
Course and fine adjust  
Nonlinearity ..... 0.03% FS  
Span Temp. Coefficient ..... 0.004%/°F Max  
Zero Temp. Coefficient ..... 0.5  $\mu V$ /°F Max

### ENVIRONMENTAL

Operating Temp. ..... +32°F to +122°F  
Dimensions ..... 6.3 in X 3.1 in X 2.2 in  
Enclosure ..... Sealed ABS case,  
Compression cable seals

## ACCESSORIES

AC Power Cord (PWRCRD-SGA-110)