

## Model SGA Amplifier / Conditioner

- User selectable analog output +/-10V, +/-5V, 0-10V, 0-5V, 0-20mA, 4-20mA
- 110 VAC, 220 VAC OR 18-28 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 +/-70% FS
- Sealed ABS enclosure
- CE Marked

### SPECIFICATIONS

#### POWER

AC ..... 110 VAC 60 Hz  
or 220 VAC 50 Hz  
DC ..... 18-28 VDC

#### EXCITATION

Voltage ..... 10 VDC +/- 5%  
Current ..... 118 mA

#### PERFORMANCE

Output ..... +/-10V, +/-5V Bipolar  
0-5V, 0-10V Bipolar  
0-20 mA, 4-20 mA Unipolar  
Input Range ..... +/-0.06 to +/-30 mV/V  
Switch selectable  
Max Bandwidth ..... 6 kHz  
Filter ..... 1 Hz to 5 kHz  
Switch selectable  
Offset ..... +/-70% FS  
Course and fine adjust  
Linearity ..... 0.03% FS  
Span Temp Coef. .... 0.005%/°F Max  
Zero Temp Coef. .... 0.5  $\mu$ V/°F Max  
**ENVIRONMENTAL**  
Operating Temp ..... +32° F to +122° F  
Dimensions ..... 6.3" x 3.1" x 2.2"  
Enclosure ..... Sealed ABS Case,  
Compression cable seals

