

signal converters

- ✓ Standard input signal ranges from 0-50 mV, ± 10 V to 4-20 mA.
- ✓ Bipolar input and output configurations.
- ✓ Customised input and output ranges, more than 3,000 standard options.
- ✓ Input impedance of >100 k Ω for the voltage input and 50 Ω for the current input models.
- ✓ Maximum input signals of 250 V for voltage input and 100 mA for the current input and can be used with external current shunts.
- ✓ Output signal ranges of 0-10V, ± 10 V, ± 20 V, 0-30 V, 4-20 mA, 0-20 mA, ± 20 mA.
- ✓ Output load >2 k Ω for the voltage output and 500 Ω maximum for the current output.
- ✓ Multi-turn trimpot adjustment for zero and span on the front of the unit.
- ✓ Adjustable filter with time constant from 0 to 20 seconds, frequency response 1 kHz with filter disabled.
- ✓ Linearity better than 0.1% of full scale.
- ✓ Auxiliary supplies of 115 or 230 VAC, 12 or 24 VDC $\pm 5\%$.
- ✓ Isolation between input, output & power 1,500 VAC for AC powered versions 1,000 VAC for DC powered versions.
- ✓ Operating temperature -10°C to 60°C .
- ✓ Calibration sheet provided for each unit manufactured.
- ✓ DIN rail mounting with dimensions 40 x 80 x 85 mm (W x H x D).

