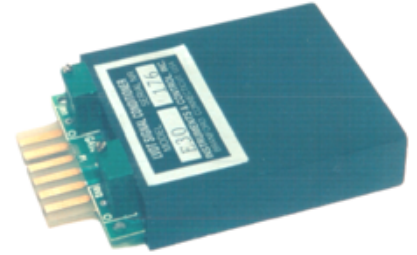


LVDT Signal Conditioner Model E30



The E 30 model is a small encapsulated signal conditioner for AC-LVDTs, with on-board trimmers for Zero and Gain adjustment. The edge board connector, gold plated contacts

SPECIFICATIONS.

| | |
|----------------------------|--|
| Supply power (no load) | $\pm 15\text{VDC @ 6mA}$, unregulated ($\pm 10\%$) |
| Output, full range | $\pm 10\text{VDC @ 20mA max.}$ |
| Output impedance | less than 10Ω |
| Frequency response | 0 to 150 Hz (3dB), roll-off 40 dB/dec |
| Excitation output (1) | $5V_{rms @ 2.5\text{KHz}}$ or 5KHz , 20mA_{rms} max. |
| Zero adjust range (2) | $\pm 0.5\text{VDC}$ typical |
| Gain adjust range | up to 10 V/V |
| Temperature coeff. of gain | $0.02\%/^{\circ}\text{C}$ typ. |
| Temperature range | -30°C to $+90^{\circ}\text{C}$ |

- (1) Other values available, up to $7V_{rms}$ and 20KHz .
(2) With gain adjusted to 1V/V . Other ranges available.

WIRING AND DIMENSIONS (mm).

