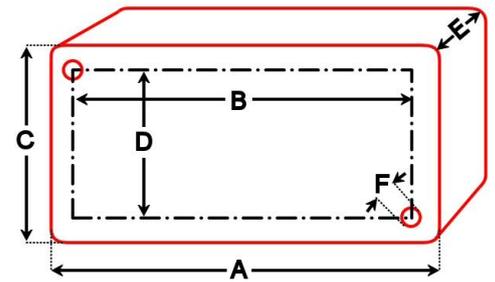


S7M 115/230V ac powered LVDT transducer amplifier.



- A = 220mm
- B = 204mm
- C = 120mm
- D = 82mm
- E = 81mm
- F = 6mm

Drawing shows base of box

Compatible with	Any standard RDP LVDT (without integral electronics) LIN & PY When fitted with two 1k Ohm bridge completion resistors (Does not provide analogue voltage linearisation for PY) Most LVDTs from any manufacturer
Supply voltage	230V or 115V ac, 2.5VA, 50/60Hz
Transducer excitation	5V, 5kHz (1kHz to 10kHz with component change), 100mA
Output details	$\pm 10V$ / 4-20mA (loop resistance 0 Ohms to 600 Ohms)
Amplifier gain range	0.15 to 200
Signal input range	20mV (minimum) to 20V
Linearity error	$\pm 0.1\%$ F.S. maximum
Electrical output bandwidth	0 to 500Hz
Output ripple	5mV peak-to-peak typical
Input impedance	$\pm 100k$ Ohms
Temperature coefficient (zero)	$\pm 0.002\%$ F.S. /°C typical
Temperature coefficient (span)	$\pm 0.004\%$ F.S. /°C (typical)
Approximate zero adjustment range	$\pm 10V$
Operating temperature range	-10°C to 50°C
Total weight	1.8kg
Cable gland cable size (x2)	3.0mm to 6.0mm
Cable gland cable size (x1)	5mm to 10mm