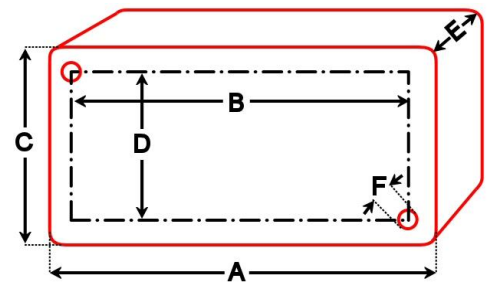


# S7AC dc powered LVDT transducer amplifier.



A	=	98mm
B	=	86mm
C	=	64mm
D	=	36mm
E	=	36mm
F	=	4mm

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 (single, must be floating)	12V to 36V dc, 50mA
Supply voltage (dual)	±6V to ±18V dc, 50mA
Transducer excitation	1V, 5kHz (1kHz to 10kHz with component change), 25mA
Output details	±4V to ±10V (may be affected by supply voltage) / 4-20mA (loop resistance 100 Ohms to 550 Ohms)
Amplifier gain range	0.07 to 500
Signal input range	30mV to 4V
Linearity error	±0.1% F.S.
Electrical output bandwidth	0 to 500Hz
Output ripple	0 to 500Hz
Input impedance	±130k Ohms
Temperature coefficient (zero)	±0.005% F.S. /°C minimum
Temperature coefficient (span)	±0.01% F.S. /°C minimum
Approximate zero adjustment range	±5V
Operating temperature range	-10°C to 60°C
Total weight	260g
Cable gland cable size	3.0mm to 6.5mm