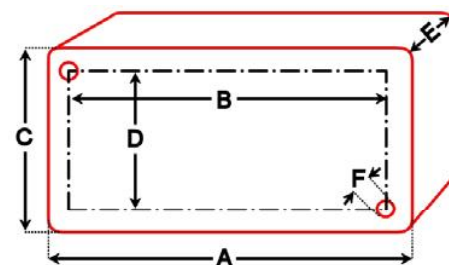


S7AC dc powered LVDT transducer amplifier.



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