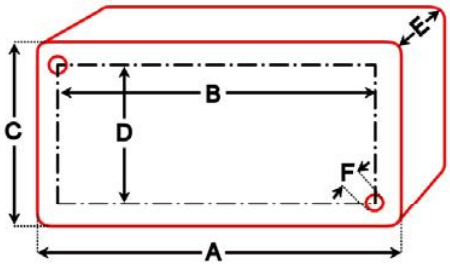
S7TW 4-20mA loop powered LVDT transducer amplifier.



A = 125mm
B = 113mm
C = 80mm
D = 52mm
E = 57mm
F = 4mm
Drawing shows base of box

Compatible with	All standard RDP LVDT (without integral electronics) transducers except the following which require a free of charge modification called TM0202 D5/25, ACT2000, ACT2000A, ACT2000C, ACT4000, ACT4000C, ACT15000C, ACT18500C Most LVDTs from any manufacturer
Supply voltage	12V to 36V dc
LVDT minimum input impedance	130 Ohms
Transducer excitation	0.5V (4mA), 5kHz
Output details	4-20mA (loop resistance 50 Ohms to 1.2k Ohms maximum)
Amplifier gain range	2.5 to 333
Signal input range	30mV to 4V
Linearity error	±0.05% F.S.
Electrical output bandwidth	0 to 250Hz (25Hz with filter turned on)
Output ripple	50uApeak-to-peak (15uApeak-to-peak with filter turned on)
Input impedance	100k Ohms
Temperature coefficient (zero)	±0.005% F.S. /°C (typical)
Temperature coefficient (span)	±0.015% F.S. /°C (typical)
Approximate zero adjustment range	±8mA
Operating temperature range	-20°C to 85°C maximum
Total weight	550g
Cable gland cable size	3.0mm to 6.5mm