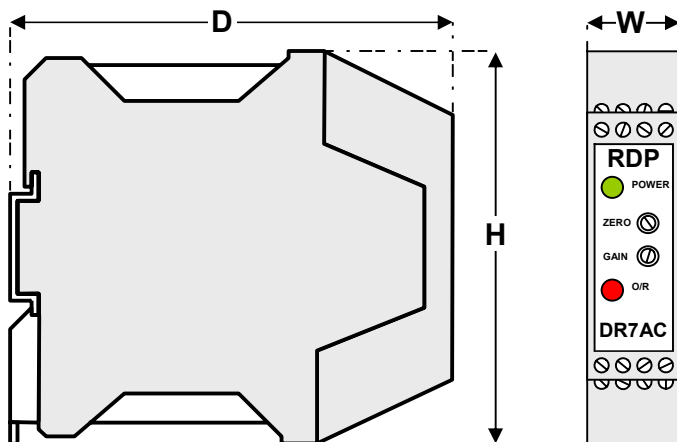


DR7AC dc powered LVDT transducer amplifier.



Dimensions

D	115mm
H	99mm
W	23mm

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	9V to 36V dc, 250mA
Transducer excitation	1/3V (user selectable), 25mA 3/5kHz (user selectable)
Output details	0 to 10V, 5mA (isolated) ± 10 V, 5mA (isolated) 4-20mA (loop resistance 100 Ohms to 500 Ohms) (isolated)
Signal input range	20mV to 4V
Linearity error	$\pm 0.1\%$ F.S.
Electrical output bandwidth	0 to 250Hz
Output ripple	5mV peak-to-peak typical / 20uA peak-to-peak typical
Input impedance	± 130 k Ohms
Temperature coefficient (combined zero and span)	$\pm 0.01\%$ F.S. /°C minimum
Operating temperature range	-10°C to 60°C
Total weight	125g