

Main Features

- Stainless steel and mild steel construction
- Magnetically shielded
- Axial exit
- Non-captive core & extension
- 6 Pin MS connector

Notes

- **Not pressure tested**

Technical Specification

Product Code	PES-2
Stroke	±25mm to ±300mm
Input Voltage	5V RMS @ 3kHz (others available)
Sensitivity	50 – 460mV/V/FRO (dependant on stroke)
Non-Linearity	±0.5% of full range
Repeatability	Better than 0.1%
Resolution	Infinite (dependent on measuring instrument)
Frequency Response	3dB @ 180Hz (dependent on conditioning unit)
Current Range	0.5mA – 8mA
Temperature	-30° C to +150° C
Vibration Resistance	20g up to 2kHz
Shock Resistance	1000g for 10 milliseconds
Coil Impedance	600Ω + 100Ω (3kHz)
Insulation Resistance	Above 10MΩ at 500VDC (between pins and case)
Dielectric Strength	500V RMS for one minute (between pins and case)
Magnetic Shielding	Internal magnetic shielding
Construction Material	Stainless steel flange with mild steel body
Connector Sealing	IP55

Please note that this type of LVDT is not pressure tested

Option Description

C 2M PTFE Cable instead of MS connector

Dimensions

