

Main Features

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

Notes

- **Not pressure tested**

Technical Specification

Product Code	PE
Stroke	±25mm to ±500mm
Input Voltage	9-24 VDC (dependent on conditioning unit)
Non-Linearity	±0.5% of full range, (higher specification can be achieved at extra cost)
Repeatability	Better than 0.1%
Resolution	Infinite (dependent on measuring instrument)
Frequency Response	3dB @ 180Hz
Vibration Resistance	20g up to 2kHz
Shock Resistance	1000g for 10 milliseconds
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

Pressurised Series DC LVDT With Plain Core & Extension

Option Description

I	4-20mA Output (Datasheet SS0192)
U	0-5V Output (Datasheet SS0394)
U-10	0-10V Output (Datasheet SS0394)
D	DC Bipolar Output (Datasheet SS0393)
Y	Reverse output (e.g. 4mA fully in instead of default 20mA)
L	Increased linearity, $\pm 0.25\%$

Dimensions

