

Main Features

- Stainless steel construction
- Magnetically shielded
- Axial or radial exit
- Removable sprung-loaded core & extension
- External spring
- Sealed to IP55
- 2M PVC cable



Technical Specification

Product Code	DLS
Stroke	±2.5mm to ±75mm
Input Voltage	12 or 24 VDC (See SS0393 datasheet)
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 wires and case)
Dielectric Strength	500V RMS for one minute (between wires and case)
Magnetic Shielding	Internal magnetic shielding
Construction Material	Stainless steel
Sealing	IP55

Option Description

C	Radial cable exit
Y	Reverse output (e.g. -2.5V fully in instead of default +2.5V)
L	Increased linearity, $\pm 0.25\%$

Connection Details

Red : Supply Volts DC
 Yellow : 0 Volts DC
 Blue : +ve Output (when core displaced towards cable exit)
 Green : -ve Output

Dimensions

