

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	$\pm 2.5\text{mm}$ to $\pm 75\text{mm}$
Input Voltage	12 or 24 VDC (See SS0393 datasheet)
Non-Linearity	$\pm 0.5\%$ 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 $10\text{M}\Omega$ 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

