

Main Features

- Heavy duty stainless steel construction
- Magnetically shielded
- Axial or radial exit
- Captive guided extension with ball end
- Internal spring
- Sealed to IP65 or IP68
- 2M PVC cable



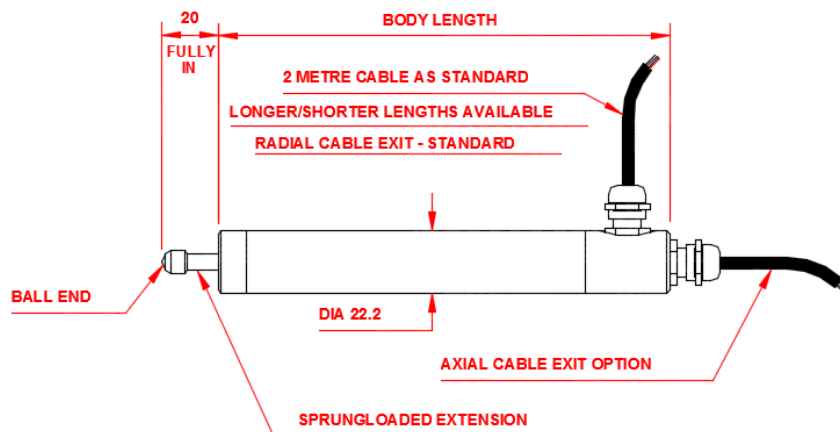
Technical Specification

Product Code	IES
Stroke	±0.5mm to ±125mm
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 wires and case)
Dielectric Strength	500V RMS for one minute (between wires and case)
Magnetic Shielding	Internal magnetic shielding
Construction Material	Stainless steel
Sealing	IP65

Option Description

A	Axial cable exit
G	Extension rod wiper
W	Waterproof IP68, with PU cable
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)
Z	Armoured hose
L	Increased linearity, $\pm 0.25\%$

Dimensions



+/-125	525	0.0179
+/-100	440	0.0233
+/-75	440	0.0233
+/-60	370	0.0291
+/-50	370	0.0291
+/-40	305	0.0389
+/-25	285	0.0416
+/-20	285	0.0416
+/-15	225	0.0555
+/-12.5	210	0.0614
+/-10	180	0.0729
+/-5	165	0.0897
+/-2.5	140	0.1166
+/-0.5	130	0.1295
STROKE (mm)	BODY LENGTH (mm)	SPRING RATE (N/mm)