

Main Features

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



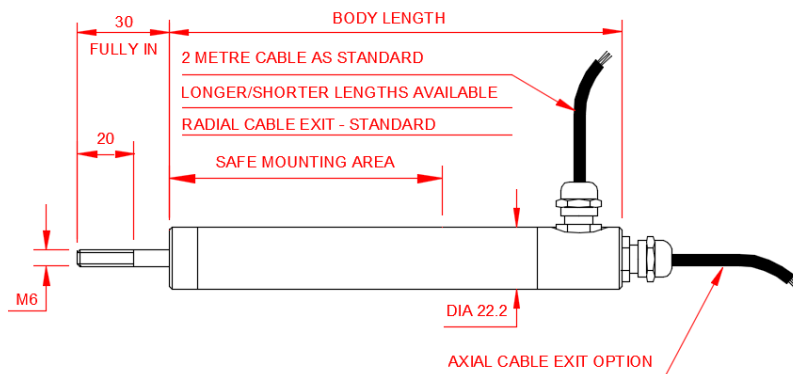
Technical Specification

Product Code	IE
Stroke	±0.5mm to ±550mm
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



+/-550	1460	1366
+/-500	1460	1366
+/-400	1200	1112
+/-300	970	832
+/-250	860	720
+/-200	750	636
+/-175	665	552
+/-150	610	523
+/-125	550	439
+/-100	500	383
+/-75	440	333
+/-50	370	263
+/-25	285	177
+/-15	225	135
+/-12.5	210	107
+/-10	180	93
+/-5	165	78
+/-2.5	140	50
+/-0.5	130	42
STROKE (mm)	BODY LENGTH (mm)	MOUNTING AREA (mm)