

Main Features

- Heavy duty stainless steel construction
- Magnetically shielded
- Radial exit
- Non-captive guided core & extension
- Mild steel M8 Rod end bearings
- Sealed to IP65 or IP68
- 2M PVC cable



Technical Specification

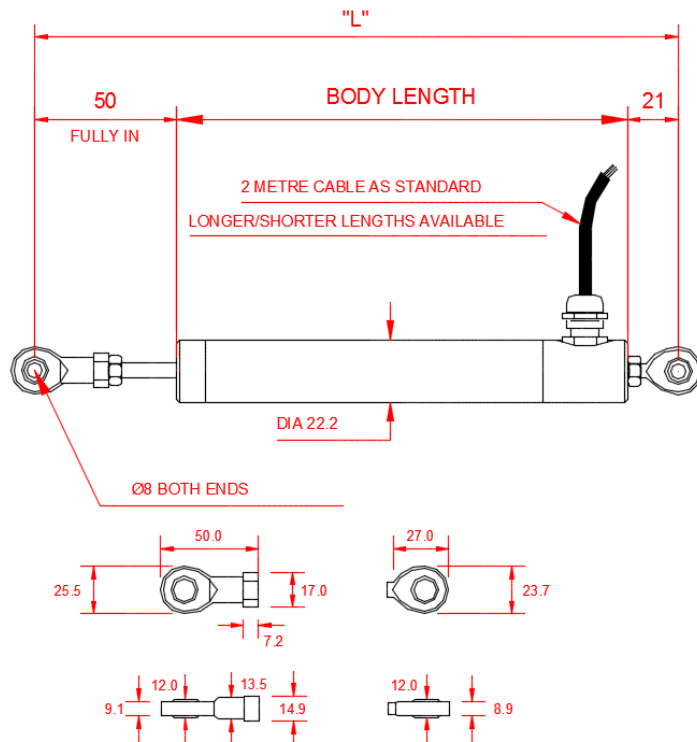
Product Code	IER-M8
Stroke	±0.5mm to ±550mm
Input Voltage	9-24 VDC (dependent on conditioning unit)
Non-Linearity	±0.5% of full range, (higher specification can be achieved at extra cost)
Repeatability	Better than 0.1%
Resolution	Infinite (dependent on measuring instrument)
Frequency Response	3dB @ 180Hz
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

G	Extension rod wiper
W	Waterproof IP68, with PU cable and stainless steel M8 rod end bearings
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

If in doubt - ASK



+/-550	1460	1531
+/-500	1460	1531
+/-400	1200	1271
+/-300	970	1041
+/-250	860	931
+/-200	750	821
+/-175	665	736
+/-150	610	681
+/-125	550	621
+/-100	500	571
+/-75	440	511
+/-50	370	441
+/-25	285	356
+/-15	225	296
+/-12.5	210	281
+/-10	180	251
+/-7.5	165	236
+/-5	165	236
+/-2.5	140	211
+/-0.5	130	201
STROKE (mm)	BODY LENGTH	"L"