

Datasheet

General features

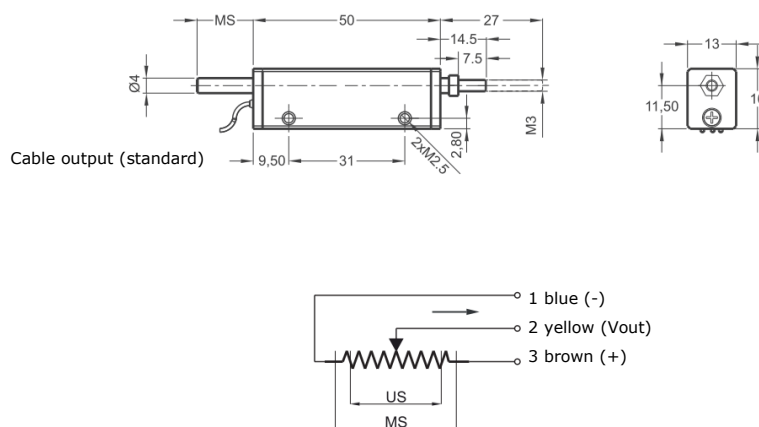
- Measuring range 10 to 25 mm
- Long mechanical life: 50 million movements
- Excellent repeatability: <0.01 mm
- Infinitely variable resolution
- Resistance:
2 kOhm: 10 ... 25 mm



Technical specifications

Measurement stroke	10 to 25 mm
Linearity	±%0.5 (<75 mm)
Repeatability	<0.01 mm
Resolution	Infinitely variable
Resistance	2 kOhm: 10 ... 25 mm
Resistance tolerance	±%20
Load resistance	100 kOhm min.
Recommended consumption current	<1 µA
Permissible applied voltage	28 VDC max.
Electrical connections	0.15 m cable output (other lengths available)
Displacement speed	<5 m/s
Mechanical life	50 million movement
Case dimensions	13 mm x 16 mm
Case material	Anodized aluminium
Rod diameter	Ø4 mm
Rod material	Stainless steel
Mechanical fixing	Screws
IP rating	IP63
Operating temperature	-20°C ... +80°C
Storage temperature	-30°C ... +90°C

Dimensions



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Measuring range

WLP-T-SQF1 (mm)	10	14	25
US (Useful Stroke)	10	14	25
MS (Mechanical Stroke)	12	16	27
L (Total Length)	69	77	89

Ordering example

Type	WLP-T	-	SQF1	-	25	-	A	-	2K	-	0M15
Category											
S	= small; Ohm (resistance)										
Type of construction											
Q	= quadratic										
Location of electrical connection											
F	= frontal										
Connection type											
1	= cable										
Measurement stroke (mm)											
	10 ... 25 mm (see table)										
Linearity (%)											
A	= $\pm 0.5\%$ (<75 mm)										
Resistance (kOhm)											
2K	= 2 kOhm: 10 ... 25 mm										
Electrical connection											
0M15	= 0.15 meter cable (standard), open cable end										
1M	= 1 meter cable, open cable end										

Without prior notice, the products may be subject to modifications that the Manufacturer reserves to introduce as deemed necessary for their improvement.