

Datasheet

General features

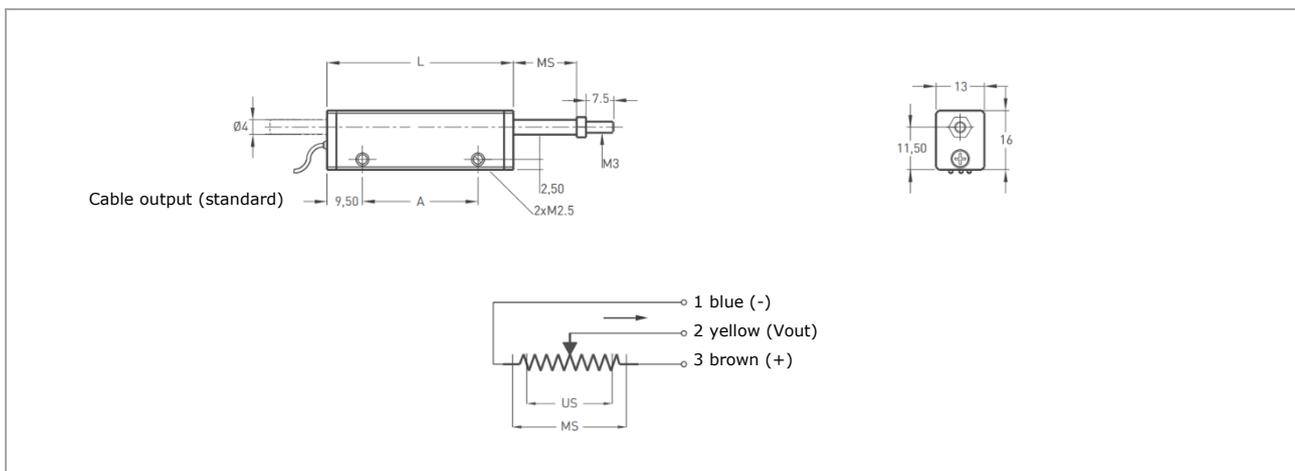
- Measuring range 10 to 25 mm
- Long mechanical life: 50 million movements
- Excellent repeatability: <0.01 mm
- Infinitely variable resolution
- Resistance:
2 kOhm: 10 ... 25 mm
- Push-button with internal spring return



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	IP54
Operating temperature	-20°C ... +80°C
Storage temperature	-30°C ... +90°C

Dimensions



WLP-TIS-SQT1_DB_2023-03-27_EN

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Measuring range

WLP-TIS-SQT1 (mm)	10	14	25
US (Useful Stroke)	10	14	25
MS (Mechanical Stroke)	13	17	28
A Screw spacing (centre)	26	31	41
L (Total Length)	45	50	60

Ordering example

Type **WLP-TIS** - **SQT1** - **25** - **A** - **2K** - **0M15**

Category
S = small; Ohm (resistance)

Type of construction
Q = quadratic

Location of electrical connection
T = Push-button with internal spring return

Connection type
1 = cable

Measurement stroke (mm)
 10 ... 25 mm (see table)

Linearity (%)
A = ±%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.