mm **SLPKS**

FEATURES

- Measuring range 10 - 100 mm
- Long mechanical life
- Excellent repeatability <0.01 mm
- Infinite resolution
- 2 kOhm: 10 - 25 mm
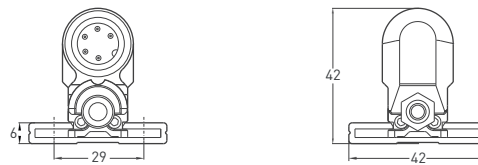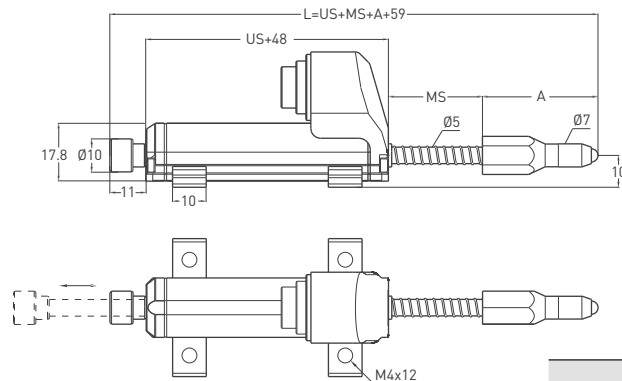 5 kOhm: 75 - 100 mm

SLPKS
Cable type

SLPKS
Connector type

TECHNICAL SPECIFICATIONS

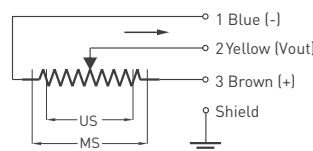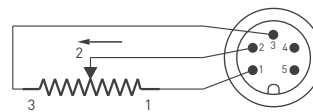|	
Measurement stroke	10 - 100 mm
Linearity	±%0.2 (75-100 mm), ±%0.5 (<75 mm)
Repeatability	< 0.01 mm
Resolution	Infinite
Resistance	2 kOhm : 10 - 25 mm 5 kOhm : 75 - 100 mm
Resistance tolerance	± %20
Load resistance	100 kOhm min.
Recommended cursor current	< 1 µA
Permissible applied voltage	28 VDC max.

Electrical connections	Connector or 1 m cable output
Displacement speed	< 5 m/s
Mechanical life	100 million movement
Case dimensions	Ø18 mm
Case material	Anodized aluminium
Rod material	Stainless steel
Rod diameter	Ø5 mm
Mechanical fixing	Variable brackets
Protection level	IP 65 - EN 60529
Operating temperature	-20°C ... +80°C
Storage temperature	-30°C ... +90°C

MECHANICAL SPECIFICATIONS

SLPKS (mm)	10	25	50	75	100
US (Usefull Stroke)	10	25	50	75	100
MS (Mechanical Stroke)	13	28	53	78	103
L (Total Length)	117	147	204	254	304

	A
SLPKS 10	35
SLPKS 25	35
SLPKS 50	42
SLPKS 75	42
SLPKS 100	42

1 Blue (-)
2 Yellow (Vout)
3 Brown (+)
Shield

ORDERING PROCEDURE

Model	Measurement stroke (mm)	Linearity (%)	Resistance (kOhm)	Connector / Cable
SLPKS (example)	100	A	5K	1M
SLPKS	10 - 100 mm	A : ±%0.5 (<75 mm) B : ±%0.2 (75 - 100 mm)	2K : 2 kOhm (<75 mm) 5K : 5 kOhm (75-100 mm)	1M: 1 meter cable (standard) C5 : Connector

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