

MK5022

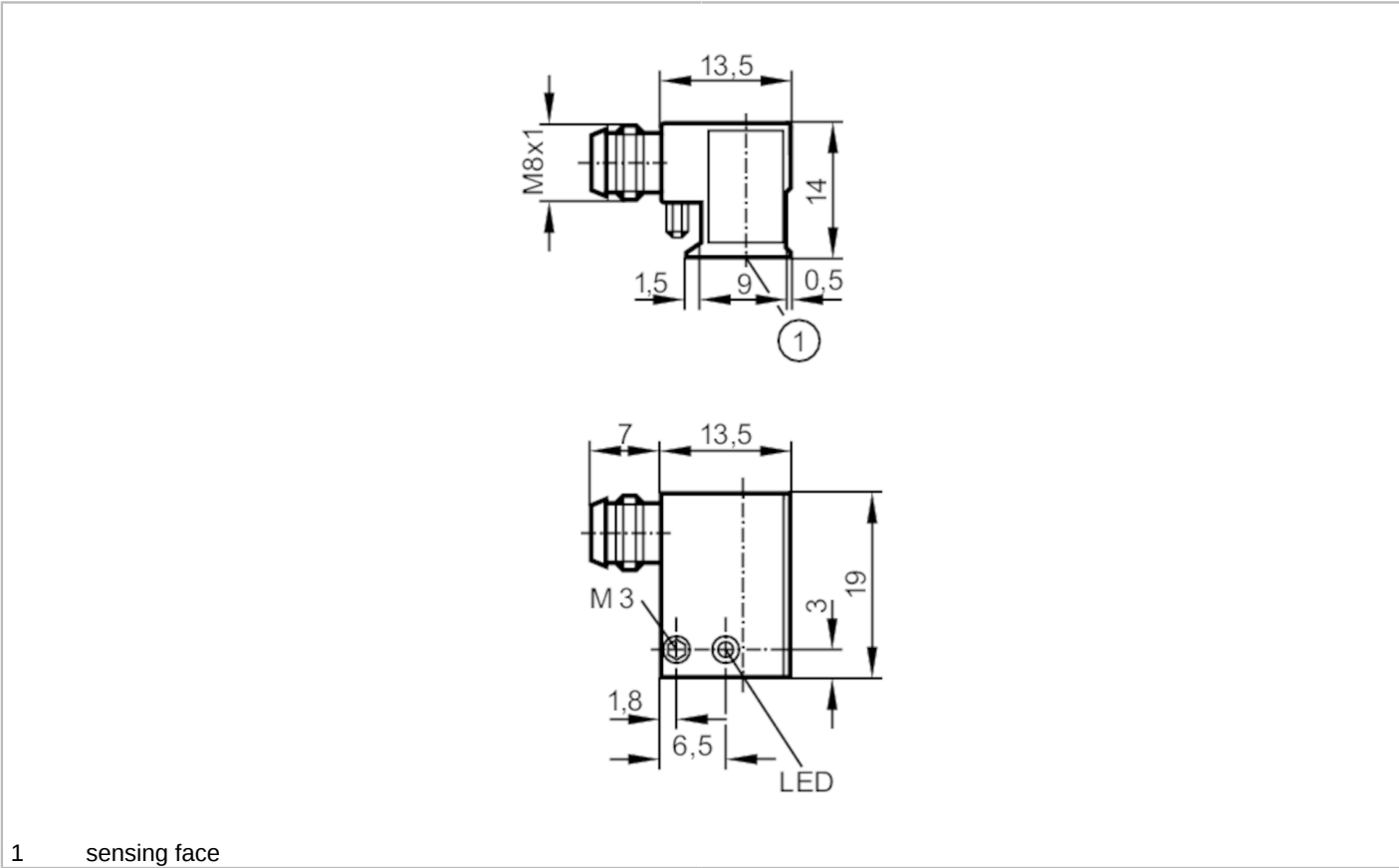


T-slot cylinder sensor

MKT3000-BPKG/AS-510-TPS

Article no longer available - archive entry

Alternative articles: MK5106 + E11796
When selecting an alternative article and accessories please note that technical data may differ!



1 sensing face



Product characteristics

Electrical design	PNP
Output function	normally open
Dimensions [mm]	14 x 12 x 19

Electrical data

Operating voltage [V]	10...30 DC
Current consumption [mA]	< 10
Reverse polarity protection	yes
Max. power-on delay time [ms]	2

Outputs

Electrical design	PNP
Output function	normally open
Max. voltage drop switching output DC [V]	2
Permanent current rating of switching output DC [mA]	150
Switching frequency DC [Hz]	5000

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Short-circuit protection	yes
Type of short-circuit protection	yes (non-latching)
Overload protection	yes

Monitoring range

Magnetic sensitivity	[mT]	2
Travel speed	[m/s]	< 5

Accuracy / deviations

Hysteresis	[% of Sr]	1
Repeatability	[% of Sr]	0.1

Operating conditions

Ambient temperature	[°C]	-25...75
Protection		IP 67

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B
Shock/vibration resistance	30 g (11 ms) / 10-55 Hz (1 mm)	

Mechanical data

Sensing face		front
Cylinder type		trapezoidal slot cylinders
Dimensions	[mm]	14 x 12 x 19
Material		aluminum; plastics

Displays / operating elements

Display	Switching status	1 x LED, yellow
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Remarks

Pack quantity	1 pcs.
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Electrical connection - plug

Connector: 1 x M8; coding: A



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Connection

