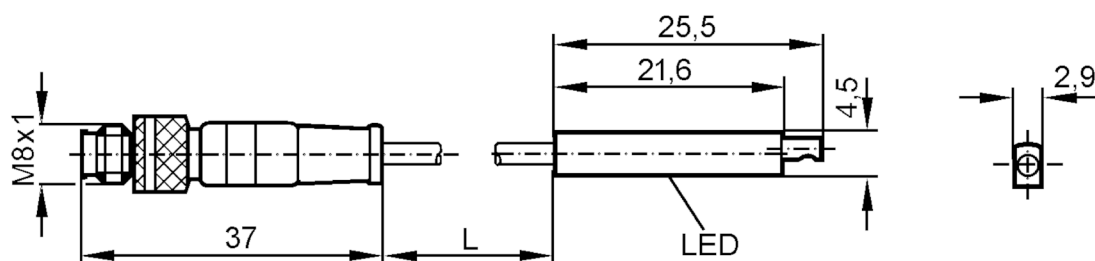




T-slot cylinder sensor

MKN3000-BPKG/0,5M AS-510-TPS

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Product characteristics

Electrical design	PNP
Output function	normally open
Dimensions [mm]	4.5 x 25.5 x 2.9

Electrical data

Operating voltage [V]	10...30 DC
Current consumption [mA]	< 12
Reverse polarity protection	yes
Max. power-on delay time [ms]	1

Outputs

Electrical design	PNP
Output function	normally open
Max. voltage drop switching output DC [V]	3.1
Permanent current rating of switching output DC [mA]	100
Switching frequency DC [Hz]	10000
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Response sensitivity [mT]	2.5
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MK5058



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Travel speed	[m/s]	< 5
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Accuracy / deviations

Hysteresis	[mm]	1...2
Repeatability	[mm]	0.1

Operating conditions

Ambient temperature	[°C]	-25...70
Protection		IP 67

Tests / approvals

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

Mechanical data

Sensing face		front
Cylinder type		C-slot cylinders
Dimensions	[mm]	4.5 x 25.5 x 2.9
Materials		LCP

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

Cable: 0.5 m, PUR

Electrical connection - plug

Connector: 1 x M8; coding: A; Locking: knurled nut, rotatable



Connection

