

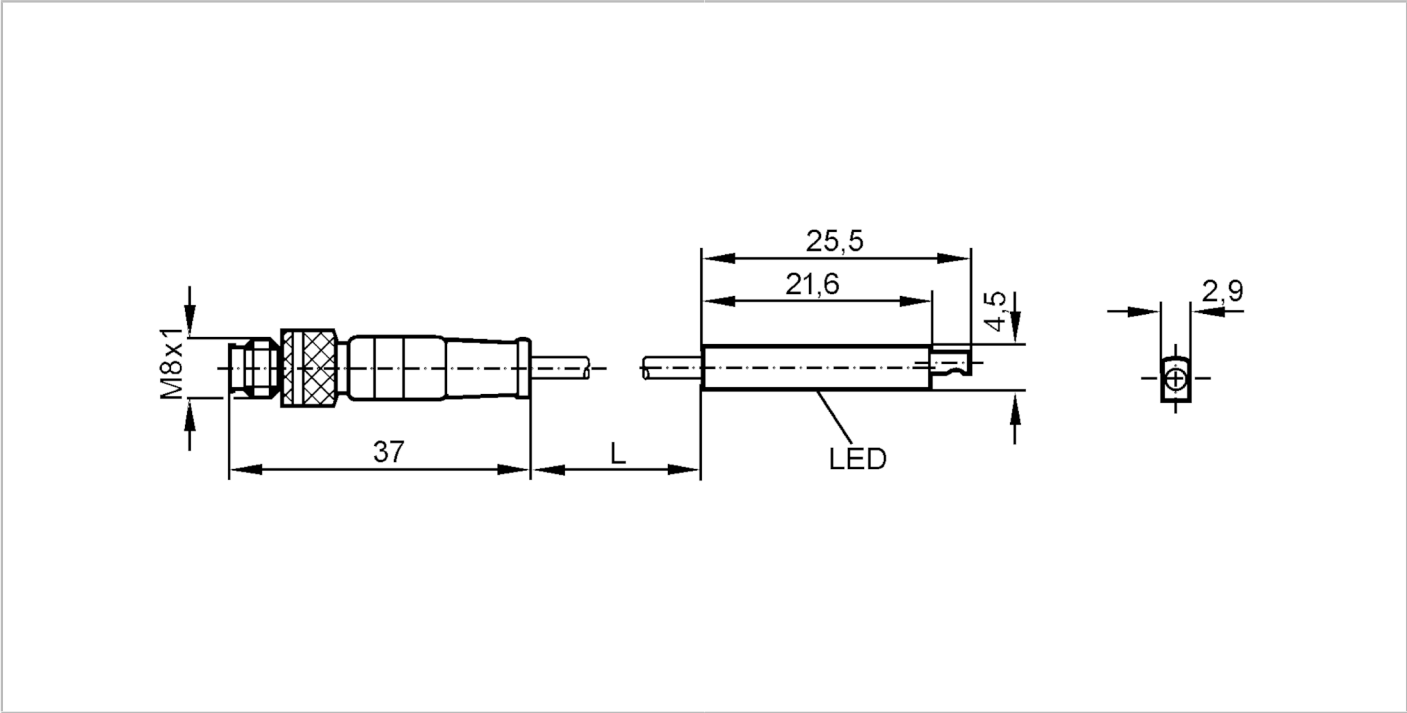
MK5058



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		yes (non-latching)
Overload protection		yes
Monitoring range		
Magnetic sensitivity	[mT]	2.5

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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
Material		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

