

MK5046



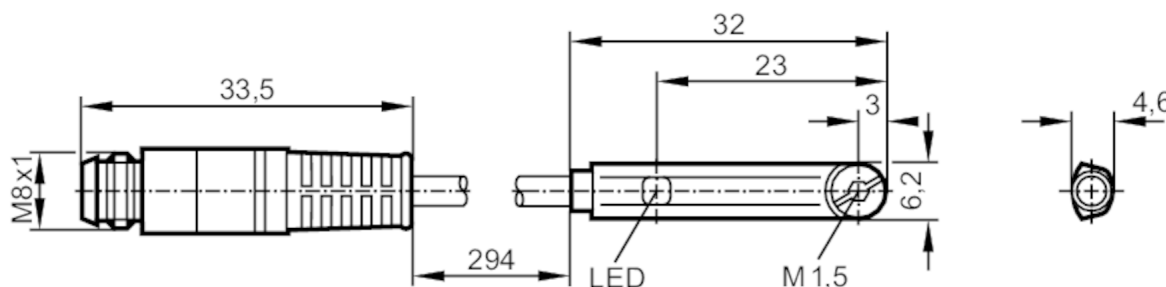
T-slot cylinder sensor

MKN3000-BPKG/0,3M AS-510-TPS

Article no longer available - archive entry

Alternative articles: MK5101

When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics

Electrical design	PNP
Output function	normally open
Dimensions [mm]	6.2 x 32 x 4.6

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]	100
Switching frequency DC [Hz]	5000
Short-circuit protection	yes
Type of short-circuit protection	yes (non-latching)
Overload protection	yes

Monitoring range

Magnetic sensitivity [mT]	3
Travel speed [m/s]	< 5

Accuracy / deviations

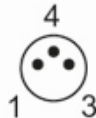
Hysteresis [mm]	1.5
Repeatability [mm]	0.2

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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		T-slot cylinders
Dimensions	[mm]	6.2 x 32 x 4.6
Material		PA 12-GF30
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Remarks		
Pack quantity	1 pcs.	
Electrical connection - plug		
Cable: 0.3 m, PUR		
Connector: 1 x M8; coding: A		
		
Connection		

