

MK5047



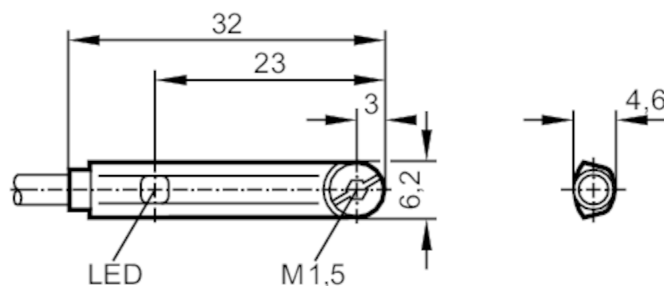
T-slot cylinder sensor

MKN3000-BPKG

Article no longer available - archive entry

Alternative articles: MK5100

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	pulsed
Overload protection	yes

Detection zone

Response 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	
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
Materials		PA 12-GF30

Displays / operating elements

Display	switching status	1 x LED, yellow
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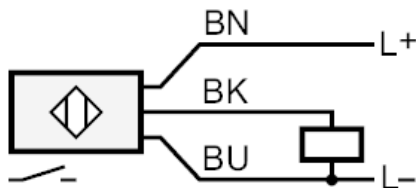
Remarks

Pack quantity		1 pcs.
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Electrical connection

Cable: 2 m, PVC; 3 x 0.25 mm²

Connection



BN = Core colours : brown
BU = blue
BK = black