

MK5002



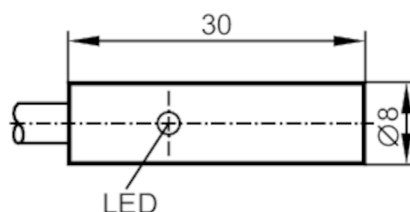
Cylinder sensor for clean line cylinders

MKR3000-BPKG

Article no longer available - archive entry

Alternative articles: MK5115

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]	Ø 8 / L = 30

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]	300
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
Repeatability [mm]	0.1

Operating conditions

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

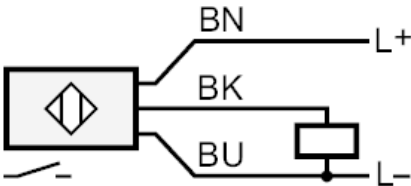
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Tests / approvals		
EMC	EN 60947-5-2	
Shock/vibration resistance	30 g (11 ms) / 10-55 Hz (1 mm)	
Mechanical data		
Sensing face	front	
Cylinder type	clean line cylinder	
Dimensions	[mm]	Ø 8 / L = 30
Material	aluminum; sensing face: plastics	
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 2 m, PUR / PVC; 3 x 0.25 mm²		
Connection		



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