

# MK5005



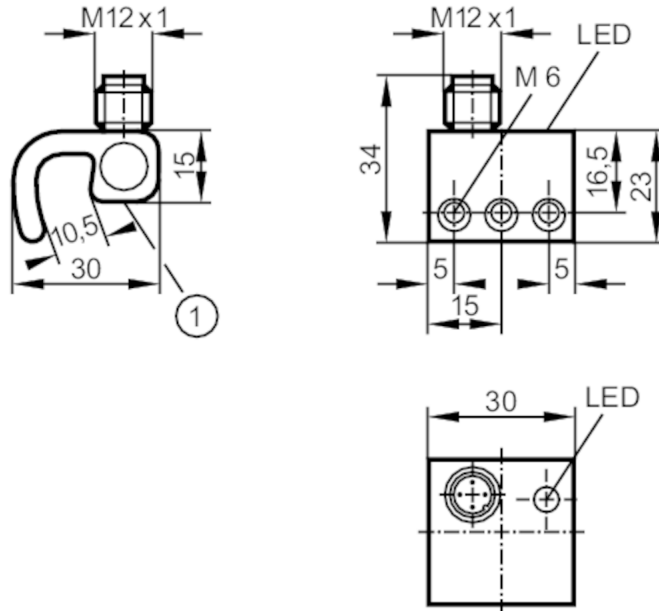
## Cylinder sensor for tie-rod cylinder

MKZ3000-BPKG/US-100-DPS

Article no longer available - archive entry

Alternative articles: MK5108 + E11797

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



1 sensing face



### Product characteristics

Electrical design	PNP
Output function	normally open
Dimensions [mm]	30 x 30 x 23

### 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

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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
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		tie rod cylinders
Dimensions	[mm]	30 x 30 x 23
Material		aluminum; plastics
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Remarks		
Pack quantity		1 pcs.
Electrical connection - plug		
Connector: 1 x M12		
		

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