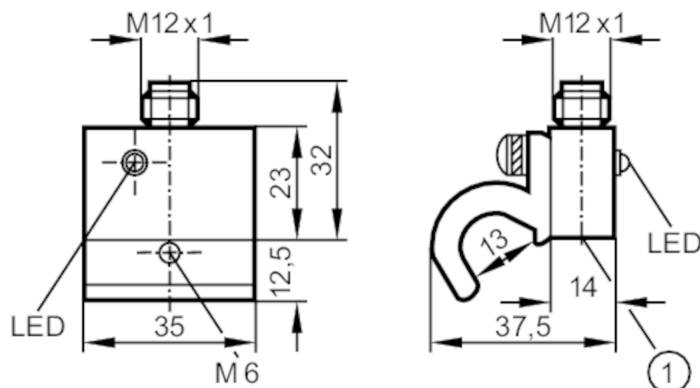


Cylinder sensor for tie-rod cylinder

MKZ3000UBPKG/US-100

Article no longer available - archive entry



1 sensing face



Product characteristics

Electrical design	PNP
Output function	normally open
Dimensions [mm]	37.5 x 35 x 35.5

Application

System	Magnetic-field immune
Magnetic-field immune	yes

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

MK5021



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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		centred
Cylinder type		tie rod cylinders
Dimensions	[mm]	37.5 x 35 x 35.5
Material		housing: plastics; Mounting adapter: aluminum
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Remarks		
Pack quantity		1 pcs.
Electrical connection - plug		

Connector: 1 x M12; coding: A



Connection

