

MK5005

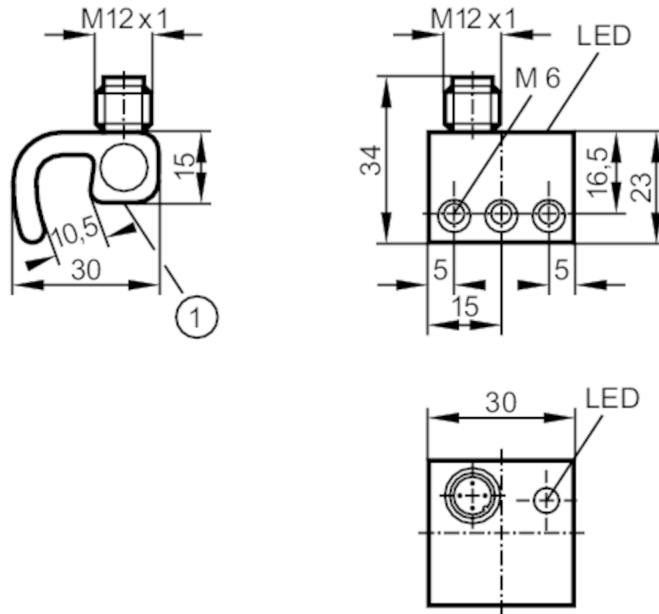


Cylinder sensor for tie-rod cylinder

MKZ3000-BPKG/US-100-DPS

Article no longer available - archive entry

Alternative article: MK5108 + E11797 When selecting an alternative article and accessories please note that technical data may differ! – When selecting an alternative article and accessories please note that technical data may differ!



1 Sensing face



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		pulsed
Overload protection		yes

Detection zone

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

MK5005



Cylinder sensor for tie-rod cylinder

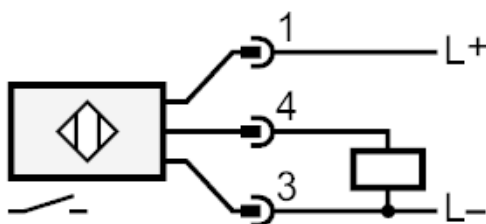
MKZ3000-BPKG/US-100-DPS

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
Materials		aluminium; plastics
Displays / operating elements		
Display	switching status	1 x LED, yellow
Remarks		
Pack quantity		1 pcs.
Electrical connection - plug		

Connector: 1 x M12



Connection



Article no longer available - archive entry

MK5005

Cylinder sensor for tie-rod cylinder

MKZ3000-BPKG/US-100-DPS



Alternative article: MK5108 + E11797 When selecting an alternative article and accessories please note that technical data may differ! – When selecting an alternative article and accessories please note that technical data may differ!