

MK5013

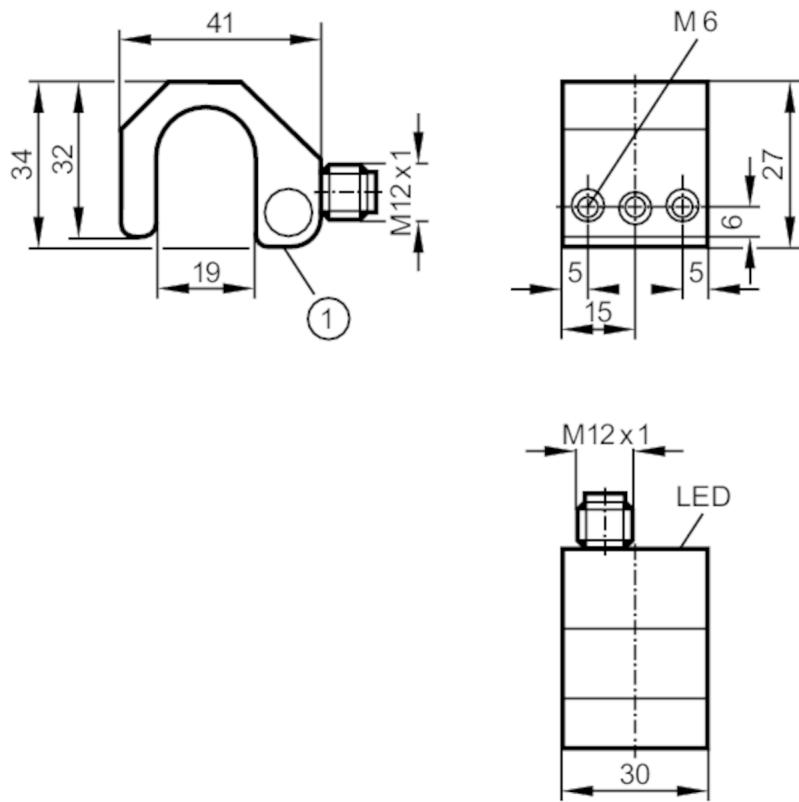


Cylinder sensor for integrated profile cylinders

MKP3000-BPKG/US-100-DPS

Article no longer available - archive entry

Alternative articles: MK5108 + E11801
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]	41 x 30 x 27
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

MK5013



Cylinder sensor for integrated profile cylinders

MKP3000-BPKG/US-100-DPS

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

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		integrated profile cylinders
Dimensions	[mm]	41 x 30 x 27
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; coding: A



MK5013



Cylinder sensor for integrated profile cylinders

MKP3000-BPKG/US-100-DPS

Connection

