

MK5040

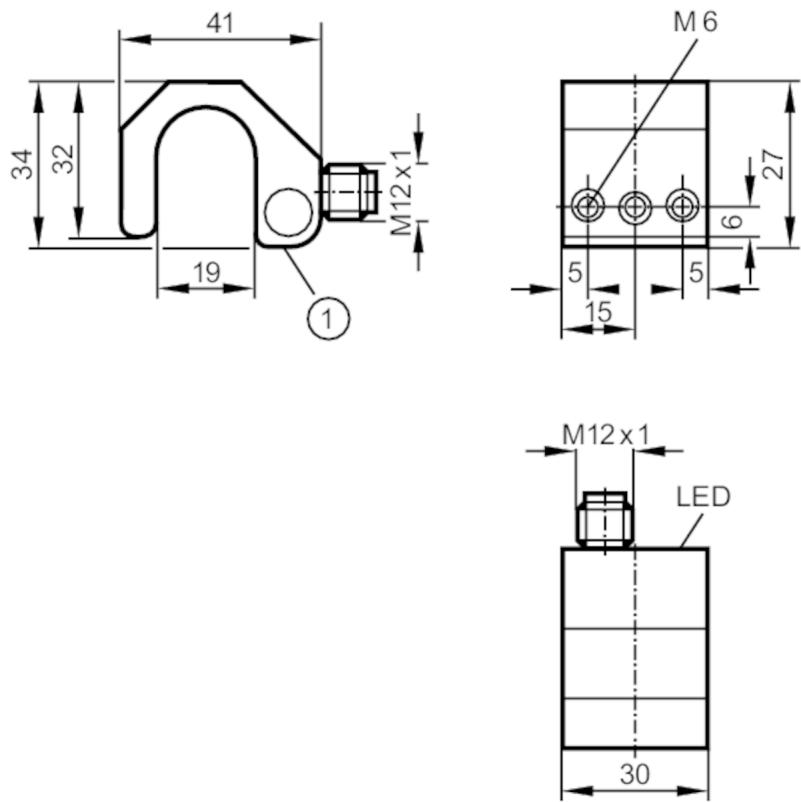


Cylinder sensor for integrated profile cylinders

MKP3000-ANKG/US

Article no longer available - archive entry

Alternative articles: MK5113 + E11801
When selecting an alternative article and accessories please note that technical data may differ!



1 sensing face



Product characteristics		
Electrical design		NPN
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		NPN
Output function		normally open
Max. voltage drop switching output DC	[V]	2

MK5040



Cylinder sensor for integrated profile cylinders

MKP3000-ANKG/US

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

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
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; coding: A



MK5040



Cylinder sensor for integrated profile cylinders

MKP3000-ANKG/US

Connection

