

MK5011

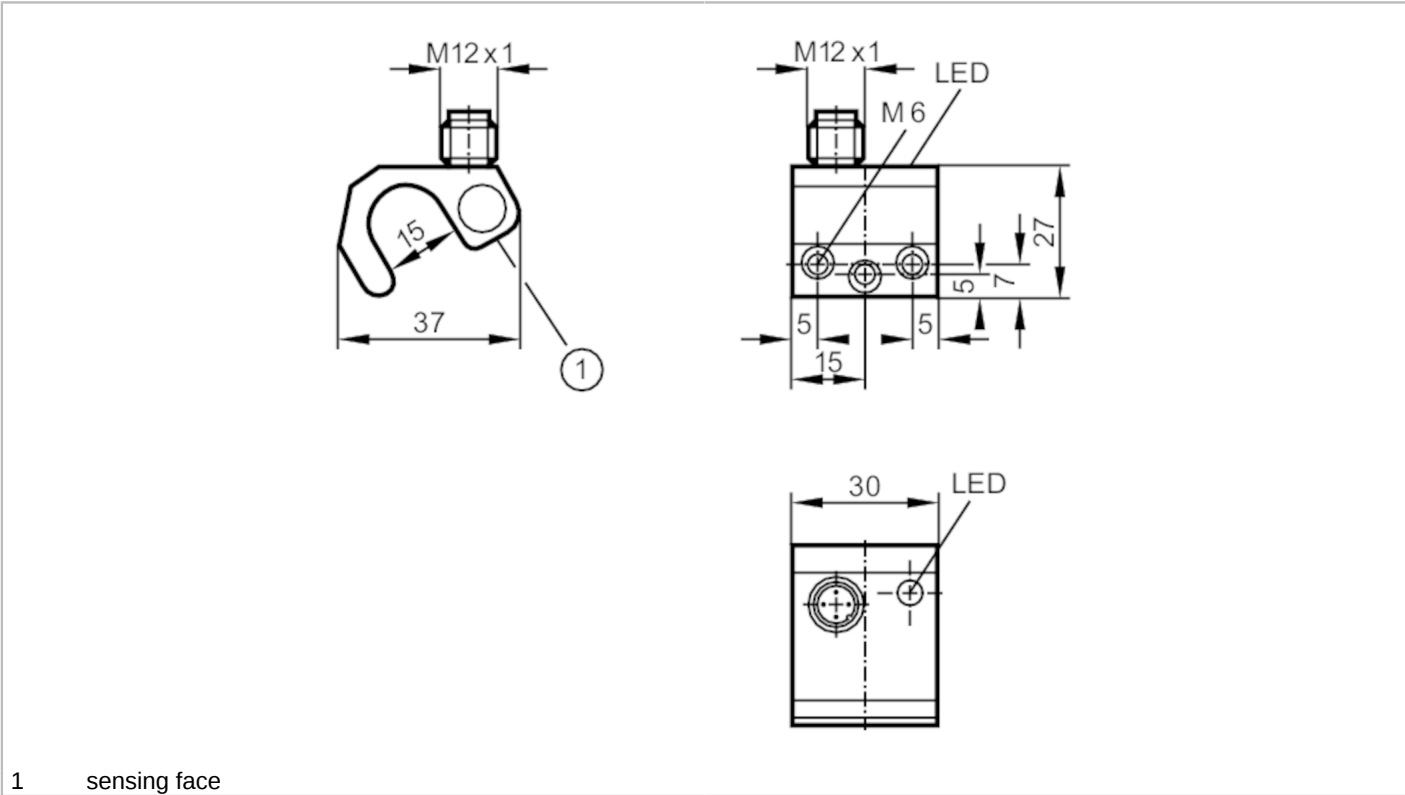


Cylinder sensor for integrated profile cylinders

MKP3000-BPKG/US-100-DPS

Article no longer available - archive entry

Alternative articles: MK5108 + E11799
When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics

Electrical design	PNP
Output function	normally open
Dimensions [mm]	37 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
Permanent current rating of switching output DC [mA]	300
Switching frequency DC [Hz]	5000
Short-circuit protection	yes

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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]	37 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	



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Connection

