

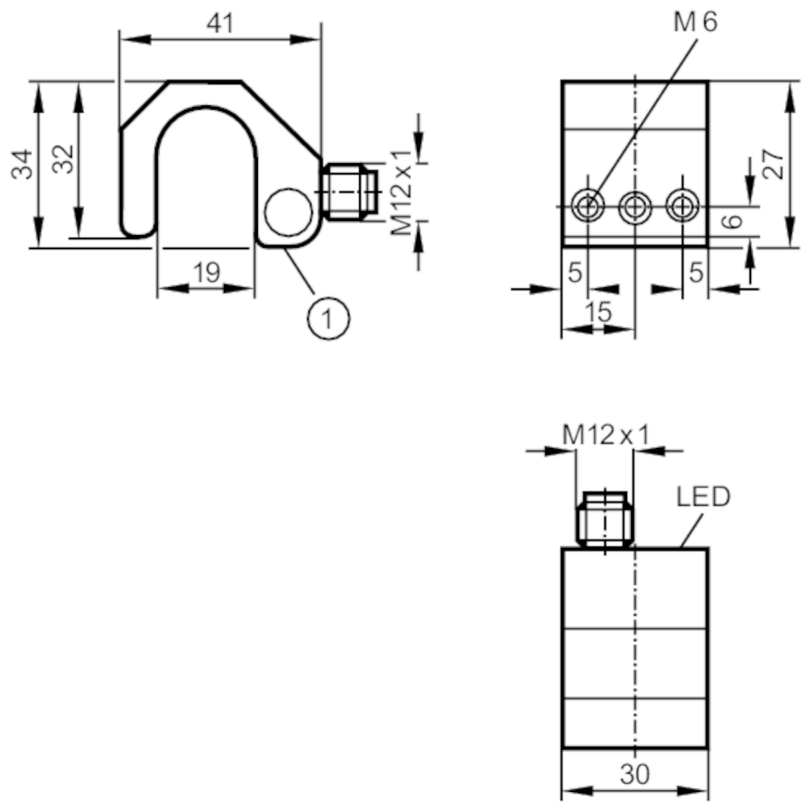
MK5027



Cylinder sensor for integrated profile cylinders

MKP3000-BPKG/US-100-DPS

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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
Permanent current rating of switching output DC	[mA]	300
Switching frequency DC	[Hz]	5000

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Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Response sensitivity	[mT]	2
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; (Joucomatic)
Dimensions	[mm]	41 x 30 x 27
Materials		aluminium; plastics

Displays / operating elements

Display	switching status	1 x LED, yellow
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Remarks

Pack quantity		1 pcs.
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Electrical connection - plug

Connector: 1 x M12; coding: A



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Connection

