MK5039

Cylinder sensor for integrated profile cylinders

MKP3000-ANKG

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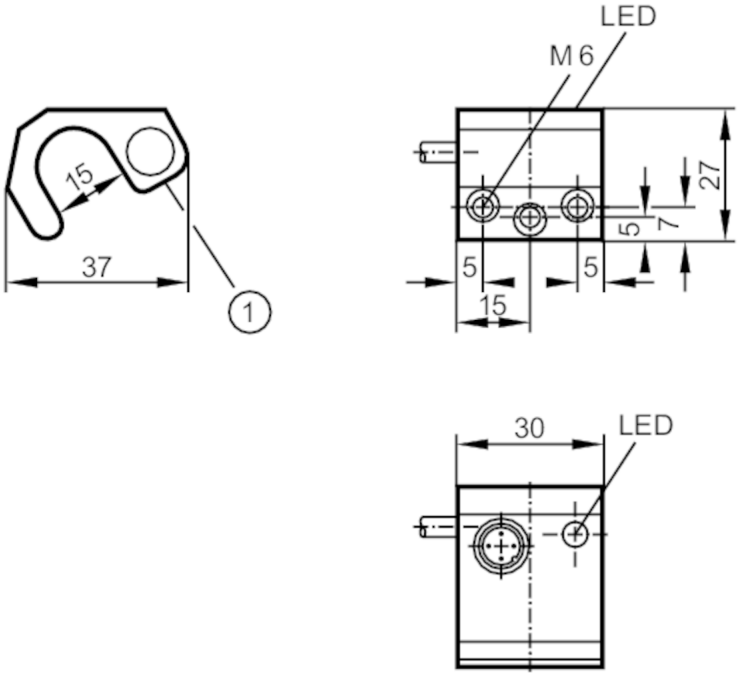

1 Sensing face

CE

Product characteristics		
Electrical design		NPN
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		NPN
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

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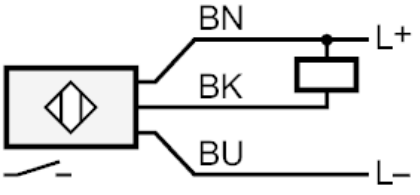
Detection zone			
Response sensitivity	[mT]	3	
Travel speed	[m/s]	< 5	
Accuracy / deviations			
Hysteresis	[mm]	1	
Repeatability	[mm]	0.1	
Operating conditions			
Ambient temperature	[°C]	-25...75	
Protection		IP 67	
Tests / approvals			
EMC		EN 60947-5-2	
		EN 55011	class B
Shock/vibration resistance		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	
Materials		aluminium; plastics	
Displays / operating elements			
Display		switching status	1 x LED, yellow
Remarks			
Pack quantity		1 pcs.	
Electrical connection			

Cable: 2 m, PUR / PVC; 3 x 0.25 mm²

Connection



Core colours :
BN = brown
BU = blue
BK = black