



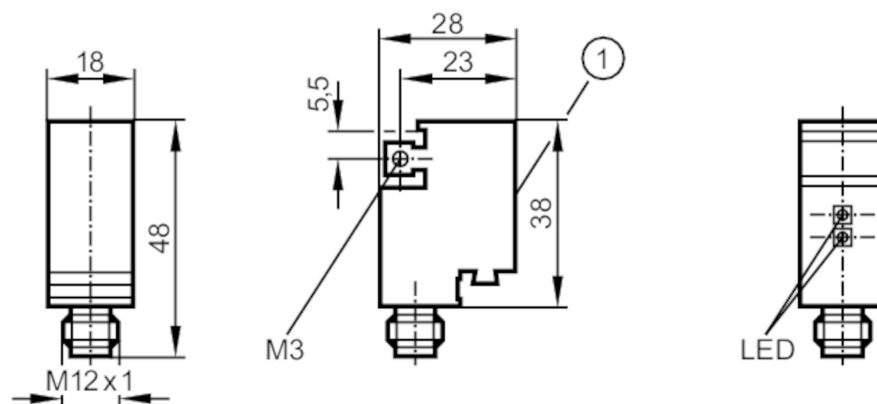
Magnetic-field immune cylinder sensor

MKU3000UBPKG/SC/US

phase-out article

Alternative articles: MK5214

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]	48 x 18 x 28

Application

Special feature	Magnetic-field immune
Magnetic-field immune	yes

Electrical data

Operating voltage [V]	10...30 DC
Current consumption [mA]	< 18
Reverse polarity protection	yes
Max. power-on delay time [ms]	20

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]	40
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Response sensitivity [mT]	3
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MK5024



Magnetic-field immune cylinder sensor

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Travel speed	[m/s]	< 1	
Accuracy / deviations			
Hysteresis	[mm]	1.5	
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			
Weight	[g]	74	
Sensing face		front	
Cylinder type		pneumatic cylinders	
Dimensions	[mm]	48 x 18 x 28	
Materials		diecast zinc PTFE coated	
Displays / operating elements			
Display		switching status	1 x LED, yellow
		operation	1 x LED, green
Remarks			
Pack quantity		1 pcs.	

Electrical connection - plug

Connector: 1 x M12; coding: A



Connection

