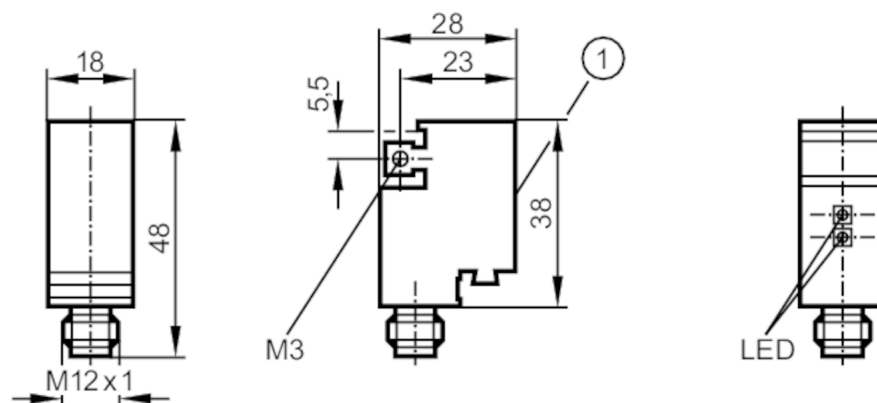


MK5024



Magnetic-field immune cylinder sensor

MKU3000UBPKG/SC/US



1 Sensing face



Application		
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
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

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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		
Notes	discontinued article	
Pack quantity	1 pcs.	
Electrical connection - plug		

Connector: 1 x M12



Connection

