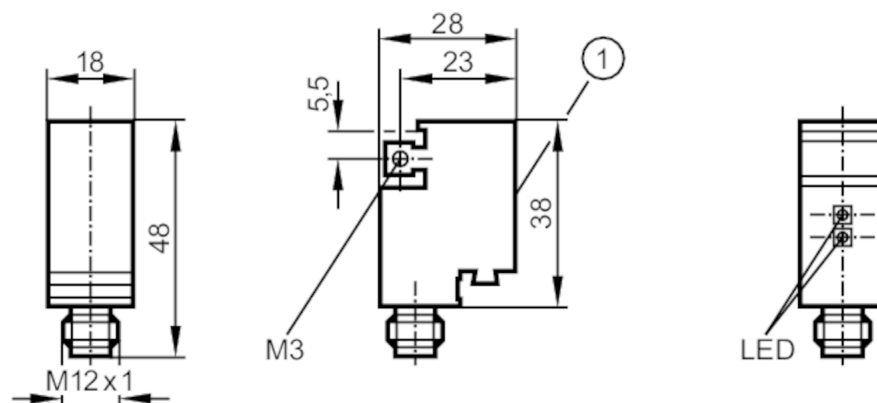


MK5023



Magnetic-field immune cylinder sensor

MKU3000UBPKG/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

MK5023



Magnetic-field immune cylinder sensor

MKU3000UBPKG/US

Tests / approvals

EMC	EN 60947-5-2	
Shock/vibration resistance	30 g (11 ms) / 10-55 Hz (1 mm)	

Mechanical data

Weight	[g]	74.6
Sensing face		front
Cylinder type		pneumatic cylinders
Dimensions	[mm]	48 x 18 x 28
Materials		diecast zinc

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

