

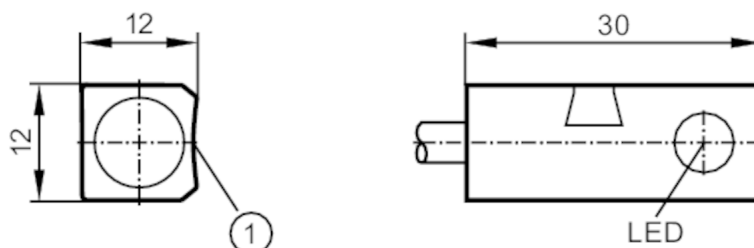
MK5031



Cylinder sensor for clean line cylinders

MKR3000-ANKG

Article no longer available - archive entry



1 sensing face



Product characteristics

Electrical design	NPN
Output function	normally open
Dimensions [mm]	12 x 30 x 12

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	yes (non-latching)
Overload protection	yes

Monitoring range

Magnetic 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

MK5031



Cylinder sensor for clean line cylinders

MKR3000-ANKG

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	clean line cylinder
Dimensions [mm]	12 x 30 x 12
Material	aluminum; plastics

Displays / operating elements

Display	Switching status	1 x LED, yellow
---------	------------------	-----------------

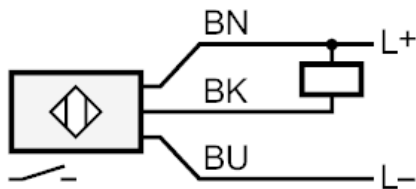
Remarks

Pack quantity	1 pcs.
---------------	--------

Electrical connection

Cable: 2 m, PUR / PVC; 3 x 0.25 mm²

Connection



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