

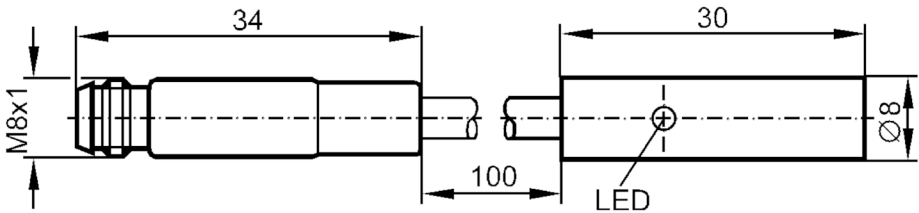
MK5025



Cylinder sensor for clean line cylinders

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Product characteristics		
Electrical design		PNP
Output function		normally open
Dimensions	[mm]	Ø 8
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		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]	5000
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes
Detection zone		
Response sensitivity	[mT]	3
Travel speed	[m/s]	< 5

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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	
Shock/vibration resistance		30 g (11 ms) / 10-55 Hz (1 mm)
Mechanical data		
Sensing face		front
Cylinder type		clean line cylinders
Dimensions	[mm]	Ø 8
Materials		aluminium; plastics
Displays / operating elements		
Display	switching status	1 x LED, yellow
Remarks		
Pack quantity		1 pcs.
Electrical connection - plug		
Cable: 0.1 m, PUR / PVC; 3 x 0.25 mm ²		
Connector: 1 x M8; coding: A		



Connection

