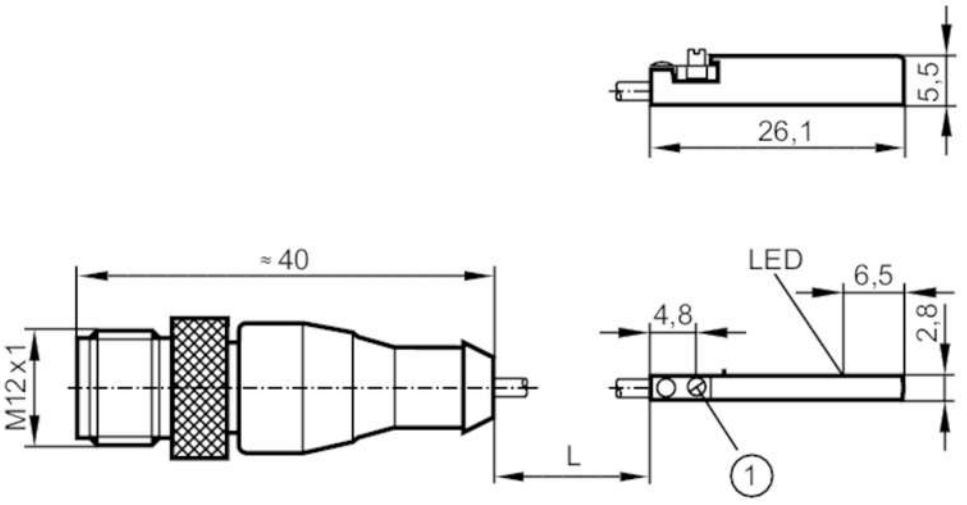
MK5368

Cylinder sensor with AMR cell

MKC3020BBPKG/A/0,3M/ZH/US



1 fastening clamp

Product characteristics		
Electrical design		PNP
Output function		normally open
Dimensions	[mm]	26.1 x 2.8 x 5.5
Electrical data		
Operating voltage	[V]	10...30 DC
Current consumption	[mA]	< 10
Protection class		III
Reverse polarity protection		yes
Max. power-on delay time	[ms]	30
Outputs		
Electrical design		PNP
Output function		normally open
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	100
Switching frequency DC	[Hz]	5000
Short-circuit protection		yes
Overload protection		yes
Detection zone		
Response sensitivity	[mT]	2
Travel speed	[m/s]	> 10
Accuracy / deviations		
Hysteresis	[mm]	1
Repeatability	[mm]	< 0.2
Operating conditions		
Ambient temperature	[°C]	-25...85
Protection		IP 65; IP 67

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Tests / approvals			
EMC		EN 61000-4-2 ESD	- CD / 8 kV AD
		EN 61000-4-3 HF radiated	10 V/m
		EN 61000-4-4 Burst	2 kV
		EN 61000-4-6 HF conducted	10 V
		EN 55011	class B

Mechanical data		
Weight	[g]	21.5
Mounting		flush mountable
Cylinder type		C-slot cylinders
Dimensions	[mm]	26.1 x 2.8 x 5.5
Materials		housing: PA; fastening clamp: stainless steel
Tightening torque	[Nm]	< 0.24

Displays / operating elements		
Display	switching status	1 x LED, yellow

Remarks	
Pack quantity	1 pcs.

Electrical connection - plug

Cable: 0.3 m, PUR; protective tube

Connector: 1 x M12; coding: A; Locking: knurled nut, rotatable



Connection

