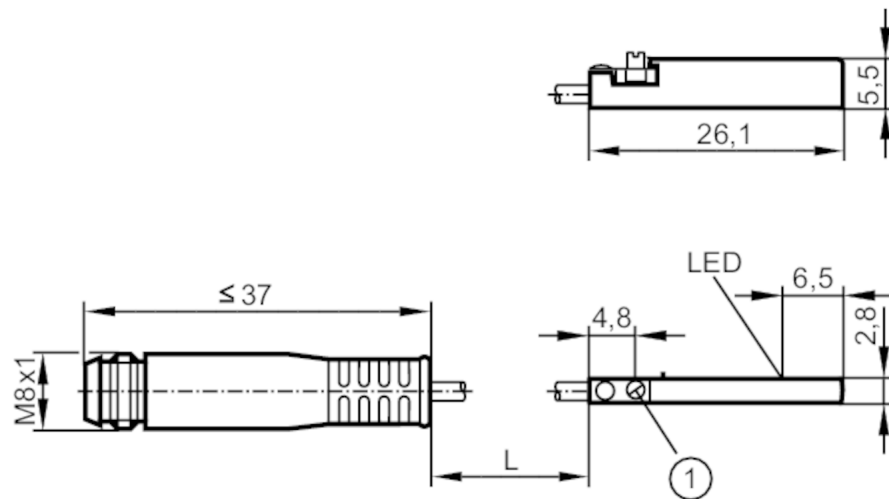




C-slot cylinder sensor

MKC3028BBPKG/G/0,3M/ZH/AS



1 fastening clamp



Electrical data

Operating voltage	[V]	10...30 DC; ("supply class 2" to cULus)
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]	10000
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

Response sensitivity	[mT]	2.8
Travel speed	[m/s]	> 10

Accuracy / deviations

Hysteresis	[mm]	1.5
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
UL approval	UL Approval no.	C008

Mechanical data

Weight	[g]	12.8
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; protective tube: PTFE

Displays / operating elements

Display	switching status	1 x LED, yellow
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Electrical connection

Connection	plug
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Remarks

Pack quantity	1 pcs.
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Electrical connection - plug

Cable: 0.3 m, PUR; protective tube

Connector: 1 x M8; Locking: snap-fit



Connection

