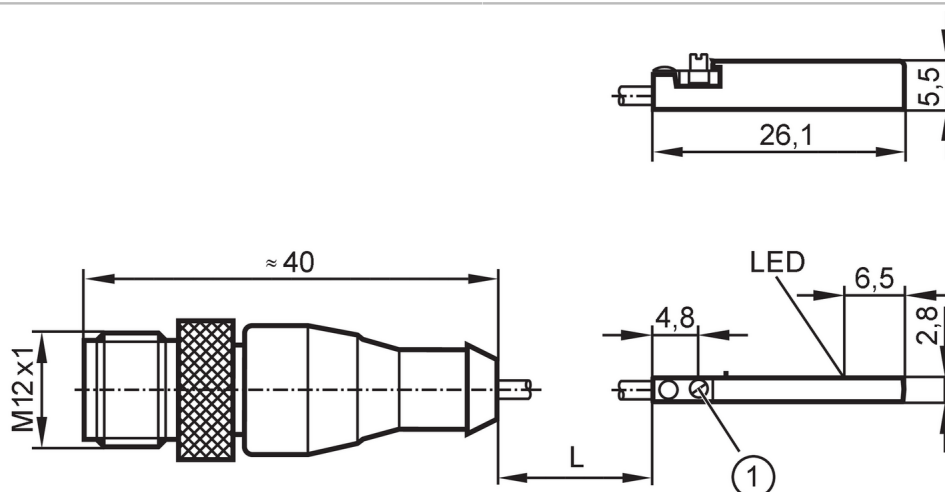


MK5317



C-slot cylinder sensor

MKC3028BBPKG/G/1M/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; (cULus - Class 2 source required)
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
Overload protection	yes

Monitoring range

Magnetic 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
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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
MTTF	[years]	3731
UL approval	UL approval number	C008

Mechanical data

Weight	[g]	23.6
Mounting		flush mountable
Cylinder type		C-slot cylinders
Dimensions	[mm]	26.1 x 2.8 x 5.5
Material		housing: PA; Fastening clamp: stainless steel

Displays / operating elements

Display	Switching status	1 x LED, yellow
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Remarks

Pack quantity	1 pcs.
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Electrical connection - plug

Cable: 1 m, PUR

Connector: 1 x M12; coding: A; Contacts: 4; Locking: Knurled nut, rotatable



Connection

