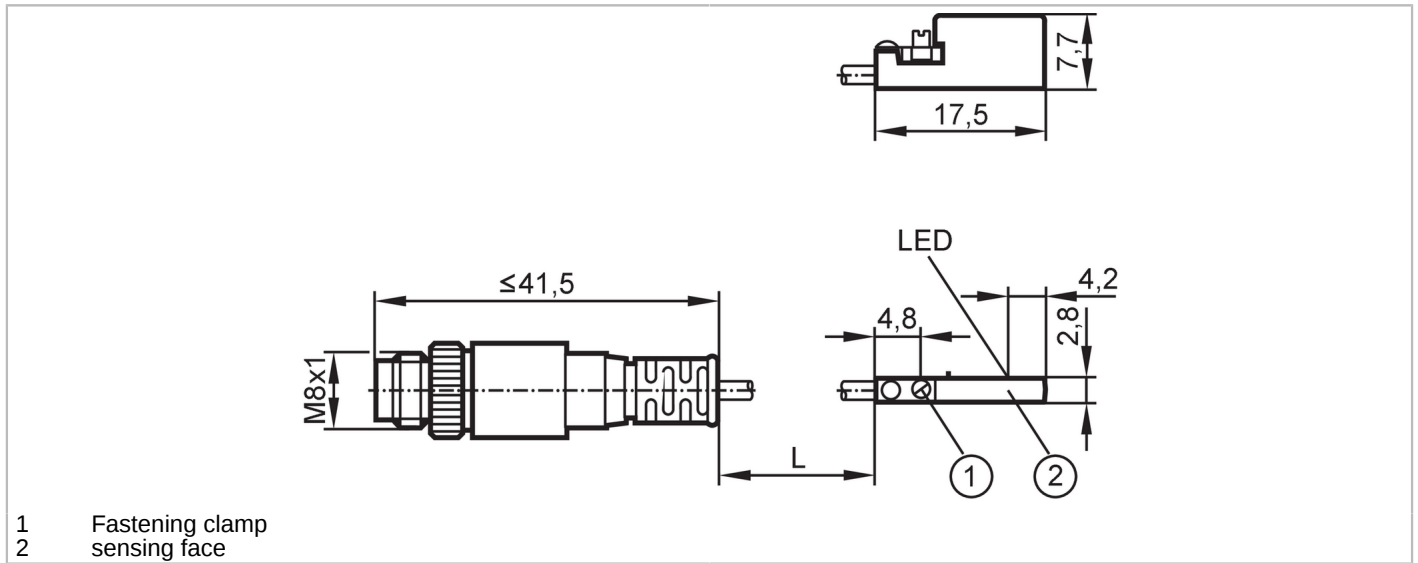


MK5302



C-slot cylinder sensor

MKC3028-BPKG/G/0,3M/ZH/ASR



Product characteristics	
Electrical design	PNP
Output function	normally open
Dimensions [mm]	17.5 x 2.8 x 7.7
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

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]		3694
UL approval	UL approval number	C008

Mechanical data

Weight [g]	12.2
Mounting	non-flush mountable
Cylinder type	C-slot cylinders
Dimensions [mm]	17.5 x 2.8 x 7.7
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: 0.3 m, PUR

Connector: 1 x M8; coding: A; Contacts: 3; Locking: Knurled nut, rotatable



Connection

