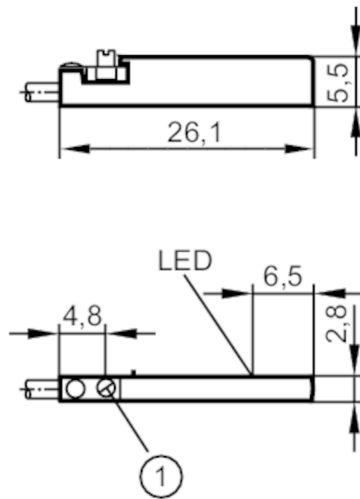


MK5343



Cylinder sensor with AMR cell

MKC3020BBPKG/A/0,15M/ZH/AS



1 fastening clamp



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
MTTF	[years]	2064
UL approval	UL Approval no.	C008

Mechanical data		
Weight	[g]	8.8
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
Tightening torque	[Nm]	< 0.24

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

Electrical connection	
Connection	plug

Remarks	
Pack quantity	1 pcs.

Electrical connection - plug

Cable: 0.15 m, PUR

Connector: 1 x M8; Locking: snap-fit



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Connection

