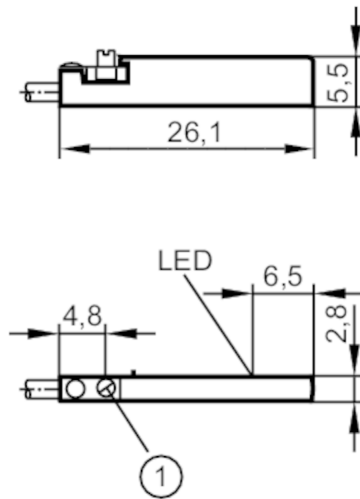


# MK5309



## Cylinder sensor with GMR cell

MKC3028BANKG/G/ZH



1 fastening clamp



### Product characteristics

Electrical design	NPN
Output function	normally open
Dimensions [mm]	26.1 x 2.8 x 5.5

### 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	NPN
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

### Detection zone

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

### Accuracy / deviations

Hysteresis [mm]	1.5
Repeatability [mm]	< 0.2

# MK5309



## Cylinder sensor with GMR cell

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### Operating conditions

Ambient temperature	[°C]	-25...85
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 no.	C008

### Mechanical data

Weight	[g]	17
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

### Displays / operating elements

Display	switching status	1 x LED, yellow
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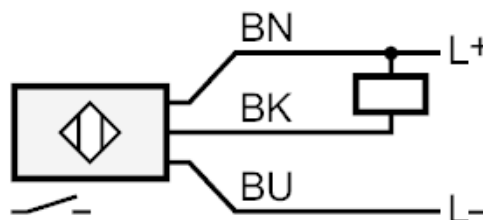
### Remarks

Pack quantity	1 pcs.
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### Electrical connection

Cable: 2 m, PUR; 3 x 0.08 mm<sup>2</sup>

### Connection



Core colours :

- BK = black
- BN = brown
- BU = blue