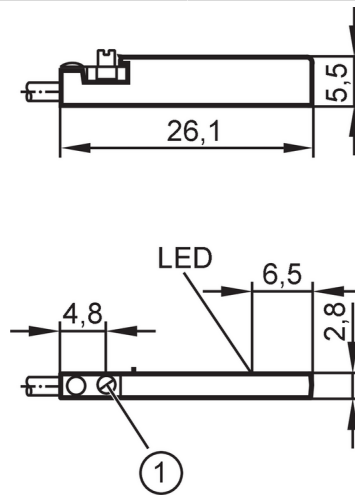


# MK5309



## 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; (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	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

### 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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## Cylinder sensor with GMR cell

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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]	17
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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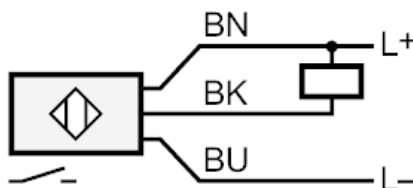
### Remarks

Pack quantity	1 pcs.
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### Electrical connection

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

### Connection



Core colors :  
BK = black  
BN = brown  
BU = blue