

MK5306



C-slot cylinder sensor

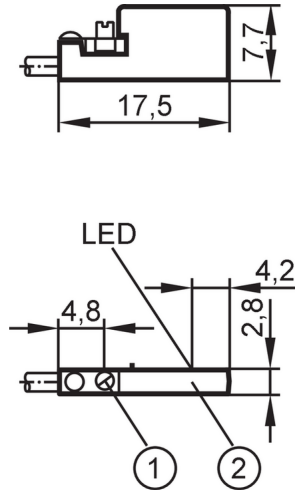
MKC3028-ANKG/G/ZH

phase-out article

Discontinuation date: 03/31/2026

Alternative articles: MK5308

When selecting an alternative article and accessories please note that technical data may differ!



- 1 fastening clamp
- 2 Sensing face



Product characteristics

Electrical design	NPN
Output function	normally open
Dimensions [mm]	17.5 x 2.8 x 7.7

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

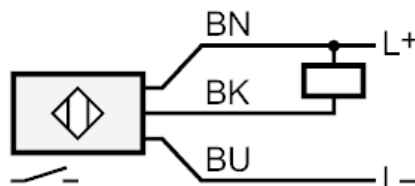
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Accuracy / deviations		
Hysteresis	[mm]	1.5
Repeatability	[mm]	< 0.2
Operating conditions		
Ambient temperature	[°C]	-25...85
Protection		IP 65; IP 67
Tests / approvals		
EMC	EN 61000-4-2 ESD	- CD / 8 kV AD
	EN 61000-4-3 HF radiated	10 V/m
	EN 61000-4-4 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]	18.3
Mounting		non-flush mountable
Cylinder type		C-slot cylinders
Dimensions	[mm]	17.5 x 2.8 x 7.7
Materials		housing: PA; fastening clamp: stainless steel
Displays / operating elements		
Display	switching status	1 x LED, yellow
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 2 m, PUR; 3 x 0.08 mm ²		
Connection		



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