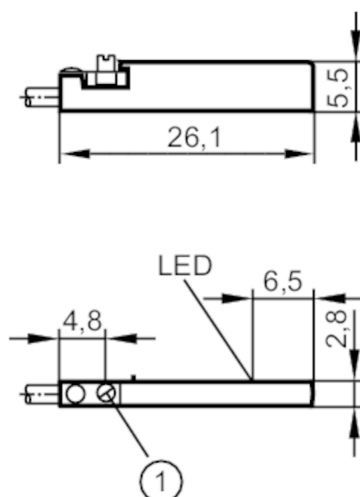




Cylinder sensor with GMR cell

MKC2028BARKG/G/ZH



1 fastening clamp



Product characteristics

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

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/NPN
Output function	normally open
Max. voltage drop switching output DC [V]	4.5
Minimum load current [mA]	5
Max. leakage current [mA]	0.8
Permanent current rating of switching output DC [mA]	100
Switching frequency DC [Hz]	4000
Short-circuit protection	yes
Overload protection	yes

Detection zone

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

Accuracy / deviations

Hysteresis [mm]	< 0.12
Repeatability [mm]	< 0.2

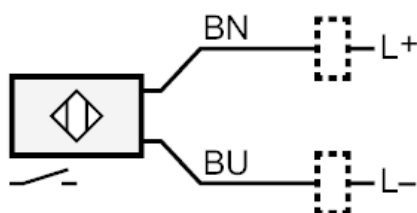
MK5365



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
Vibration resistance	EN 60947-5-2	
Shock resistance	EN 60947-5-2	
MTTF	[ANN]	1310
Mechanical data		
Weight	[g]	19.1
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
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 2 m, PUR		
Connection		



BK = Core colours :
BU = black
blue