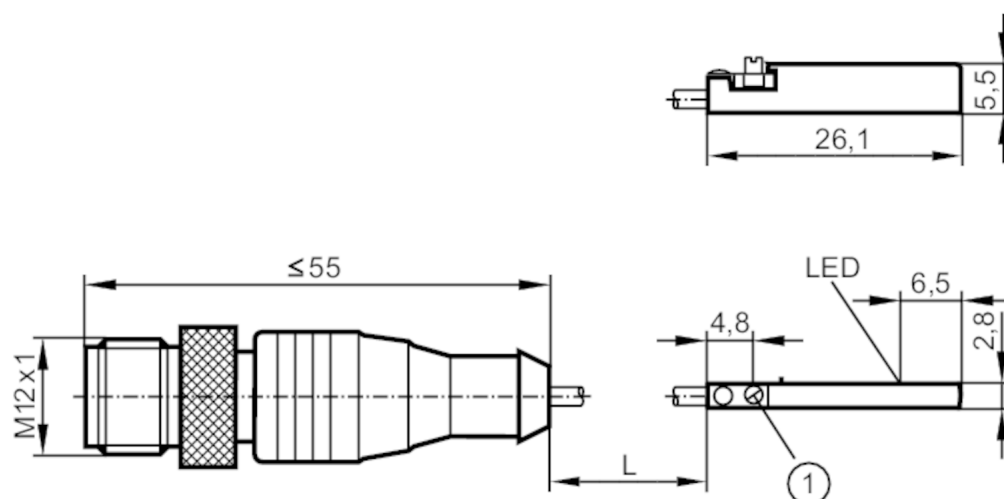


MK5363



Cylinder sensor with GMR cell

MKC2028BARKG/G/0.3M/ZH/US



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

Operating conditions

Ambient temperature	[°C]	-25...85
Protection		IP 65; IP 67

MK5363



Cylinder sensor with GMR cell

MKC2028BARKG/G/0.3M/ZH/US

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	
Mechanical data		
Weight	[g]	19
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
Electrical connection		
Connection	plug	
Remarks		
Pack quantity	1 pcs.	
Electrical connection - plug		
Cable: 0.3 m, PUR		
Connector: 1 x M12		
		

MK5363



Cylinder sensor with GMR cell

MKC2028BARKG/G/0.3M/ZH/US

Connection

