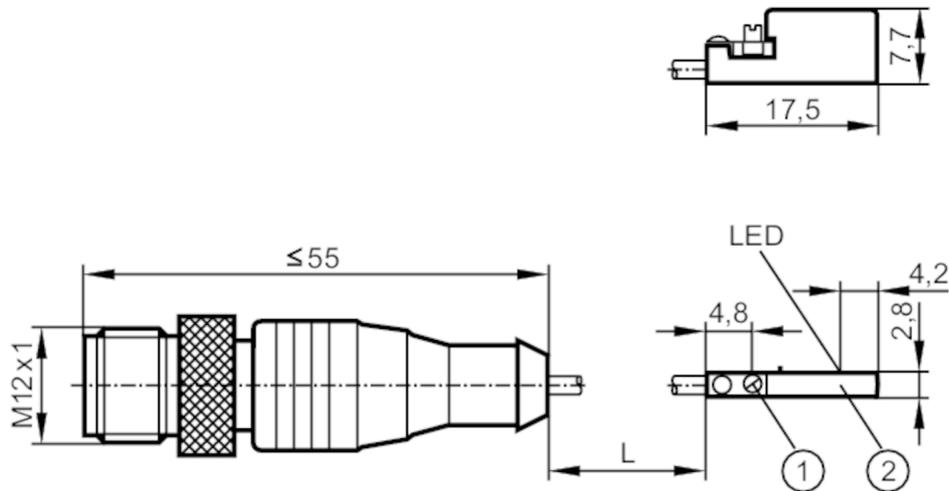


MK5372



C-slot cylinder sensor

MKC3028-ANKG/G/0,3M/ZH/US



- 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
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

MK5372



C-slot cylinder sensor

MKC3028-ANKG/G/0,3M/ZH/US

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

Mechanical data

Weight	[g]	21.2
Mounting		non-flush mountable
Cylinder type		C-slot cylinders
Dimensions	[mm]	17.5 x 2.8 x 7.7
Material		housing: PA; Fastening clamp: stainless steel; protective tube: PTFE

Displays / operating elements

Display	Switching status	1 x LED, yellow
---------	------------------	-----------------

Remarks

Pack quantity	1 pcs.
---------------	--------

Electrical connection - plug

Cable: 0.3 m, PUR; protective tube

Connector: M12; coding: A; Locking: Knurled nut, rotatable



Connection

