

1: Fastening clamp  
2: sensing face



Product characteristics

Cylinder sensor with GMR cell

Plastic housing for C-slot cylinders

Cable with connector

[f] flush mountable

Magnetic sensitivity 2.8 mT

Travel speed > 10 m/s

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...30 DC

Current consumption [mA]

< 10

Protection class

III

Reverse polarity protection

yes

Outputs

Output function

normally open

Voltage drop [V]

< 2.5

Current rating [mA]

100

Short-circuit protection

yes

Overload protection

yes

Switching frequency [Hz]

10000

Range

Magnetic sensitivity [mT]

2.8

Travel speed [m/s]

> 10

Accuracy / deviations

Hysteresis [mm]

1.5

Repeatability [mm]

< 0.2

Reaction times

Power-on delay time [ms]

< 30

Environment

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

Mounting

flush mountable

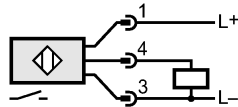
Housing materials

housing: PA (polyamide); Fastening clamp: stainless steel

# MK5357 - Cylinder sensor with GMR cell - eclass: 27270104 / 27-27-01-04

Weight	[kg]	0.019
Displays / operating elements		
Output status indication	LED	yellow
Electrical connection		
Connection		PUR cable / 0.3 m; with M12 connector, with protective tube

## Wiring



## Remarks

Pack quantity	[piece]	1
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