

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

MTTF

[Years]

3731

Mechanical data

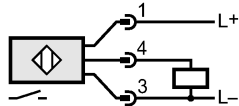
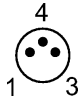
Mounting

flush mountable

MK5337 - Cylinder sensor with GMR cell - eclass: 27270104 / 27-27-01-04

Housing materials	housing: PA (polyamide); Fastening clamp: stainless steel
Weight [kg]	0.013
Displays / operating elements	
Output status indication LED	yellow
Electrical connection	
Connection	PUR cable / 0.3 m; with M8 connector, with turnable coupling ring

Wiring



Accessories	
Accessories (included)	Allen key
Remarks	
Remarks	Fastening clamp with hexagon socket, width across flats 0.9
Pack quantity [piece]	1