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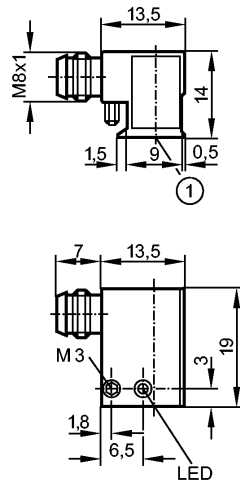
efector120

MK5022



MKT3000-BPKG/AS-510-TPS

Magnetic sensors, cylinder sensors



1: sensing face



Product characteristics

Cylinder sensor

Metal housing for cylinder with trapazoidal slot

Quick disconnect

Magnetic sensitivity 2 mT

Travel speed max. 5 m/s

Active face at the front

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...30 DC

Current consumption [mA]

< 10

Reverse polarity protection

yes

Outputs

Output function

normally open

Voltage drop [V]

< 2

Current rating [mA]

150

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

5000

Monitoring range

Magnetic sensitivity [mT]

2

Travel speed [m/s]

max. 5

Accuracy / deviations

Hysteresis [% of Sr]

1

Repeatability [% of Sr]

0.1

Reaction times

Power-on delay time [ms]

< 2

Environment

Ambient temperature [°C]

-25...75

Protection

IP 67

Tests / approvals

EMC

EN 60947-5-2

EN 55011:

class B

Shock / vibration resistance

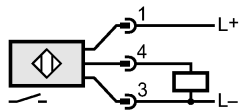
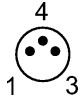
30 g (11 ms) / 10-55 Hz (1 mm)

MK5022 - Cylinder sensor - eclass: 27270104 / 27-27-01-04

Mechanical data

sensing face	Active face at the front
Housing materials	aluminum; plastics
Weight [kg]	0.021
Displays / operating elements	
Output status indication LED	yellow
Electrical connection	
Connection	M8 connector

Wiring



Remarks

Pack quantity [piece]	1
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