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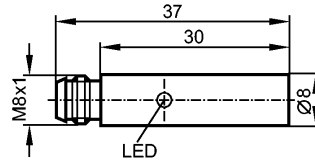
efector120

MK5001



MKR3000-BPKG/AS-510-TPS

Magnetic sensors, cylinder sensors



Product characteristics

Cylinder sensor

Metal housing for clean line cylinder Ø 8 mm

Quick disconnect

Magnetic sensitivity 3 mT

Travel speed max. 5 m/s

Sensor 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]

300

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

5000

Monitoring range

Magnetic sensitivity [mT]

3

Travel speed [m/s]

max. 5

Accuracy / deviations

Hysteresis [mm]

1

Repeatability [mm]

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

Shock / vibration resistance

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

Mechanical data

sensing face

Sensor front

Housing materials

aluminum; active face: plastics

Weight [kg]

0.014

Displays / operating elements

Output status indication LED

yellow

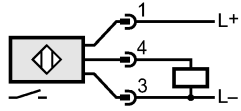
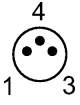
Electrical connection

Connection

M8 connector

Wiring

MK5001 - Cylinder sensor - eclass: 27270104 / 27-27-01-04



Remarks

Pack quantity [piece] 1

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