

Alternative article: MK5214

When selecting an alternative article and accessories please note that technical data may differ!

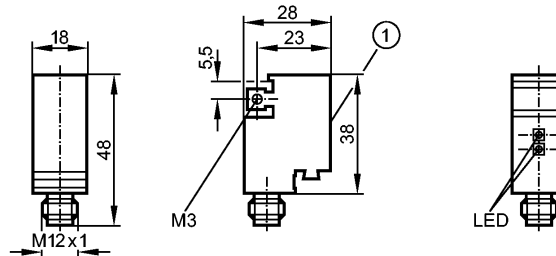
**efector120**

MK5024



MKU3000UBPKG/SC/US

Magnetic sensors, cylinder sensors



1: sensing face



Product characteristics

Cylinder sensor

Metal housing for pneumatic cylinders

Quick disconnect

Weld field immune

Magnetic sensitivity 3 mT

Travel speed max. 1 m/s

Sensor front

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...30 DC

Current consumption [mA]

< 18

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]

40

Monitoring range

Magnetic sensitivity [mT]

3

Travel speed [m/s]

max. 1

Accuracy / deviations

Hysteresis [mm]

1.5

Repeatability [mm]

0.1

Reaction times

Power-on delay time [ms]

< 20

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

diecast zinc PTFE-coated

Weight [kg]

0.074

Displays / operating elements

Output status indication

LED

yellow

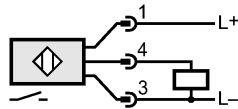
# MK5024 - Cylinder sensor - eclass: 27270104 / 27-27-01-04

Power LED green

Electrical connection

Connection M12 connector

## Wiring



## Remarks

Pack quantity [piece] 1

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