

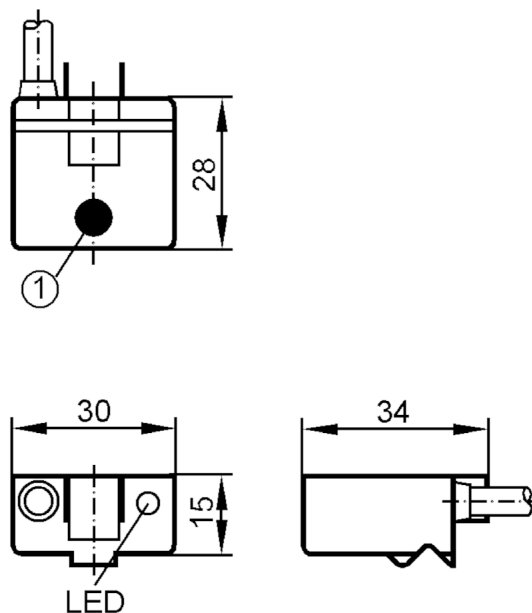
Cylinder sensor for tie-rod cylinder

IQ5002

Article no longer available - archive entry

Alternative articles: MK5023

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



1 Sensing face

Product characteristics

Electrical design	PNP
Output function	normally open

Electrical data

Operating voltage [V]	10...30 DC
Current consumption [mA]	< 2
Reverse polarity protection	yes
Max. power-on delay time [ms]	5

Outputs

Electrical design	PNP
Output function	normally open
Max. voltage drop switching output DC [V]	2.3
Permanent current rating of switching output DC [mA]	200
Switching frequency DC [Hz]	1000
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Response sensitivity [mT]	2...35
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IQ5002



Cylinder sensor for tie-rod cylinder

IQ5002

Travel speed	[m/s]	< 10
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Accuracy / deviations

Hysteresis	[mm]	1
Repeatability	[mm]	0.1

Operating conditions

Ambient temperature	[°C]	-25...70
Protection		IP 67

Tests / approvals

Shock/vibration resistance		30 g (11 ms) / 10-55 Hz (1 mm)
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Mechanical data

Cylinder type		pneumatic cylinders
Materials		plastics

Displays / operating elements

Display	switching status	1 x LED, red
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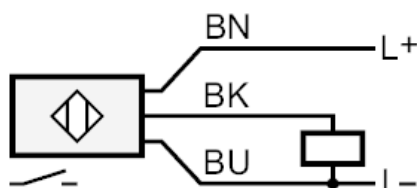
Remarks

Pack quantity		1 pcs.
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Electrical connection

Cable: 2 m, PVC

Connection



	Core colours :
BK =	black
BN =	brown
BU =	blue