



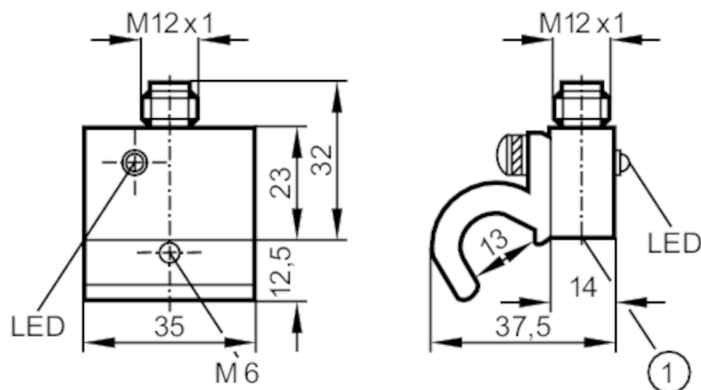
Cylinder sensor for tie-rod cylinder

MKZ3000-ANKG/US

Article no longer available - archive entry

Alternative articles: MK5113 + E11799

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



1 Sensing face



Product characteristics

Electrical design	NPN
Output function	normally open
Dimensions [mm]	37.5 x 35 x 35.5

Electrical data

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

Outputs

Electrical design	NPN
Output function	normally open
Max. voltage drop switching output DC [V]	2
Permanent current rating of switching output DC [mA]	300
Switching frequency DC [Hz]	5000
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Response sensitivity [mT]	3
Travel speed [m/s]	< 5

Accuracy / deviations

Hysteresis [mm]	1
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MK5036



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Repeatability	[mm]	0.1
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Operating conditions

Ambient temperature	[°C]	-25...75
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Protection	IP 67
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Tests / approvals

EMC	EN 60947-5-2
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Shock/vibration resistance	30 g (11 ms) / 10-55 Hz (1 mm)
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Mechanical data

Sensing face	centred
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Cylinder type	tie rod cylinders
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Dimensions	[mm]	37.5 x 35 x 35.5
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Materials	housing: plastics; mounting adapter: aluminium
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Displays / operating elements

Display	switching status	1 x LED, yellow
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Remarks

Pack quantity	1 pcs.
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Electrical connection - plug

Connector: 1 x M12; coding: A



Connection

