

KI5201



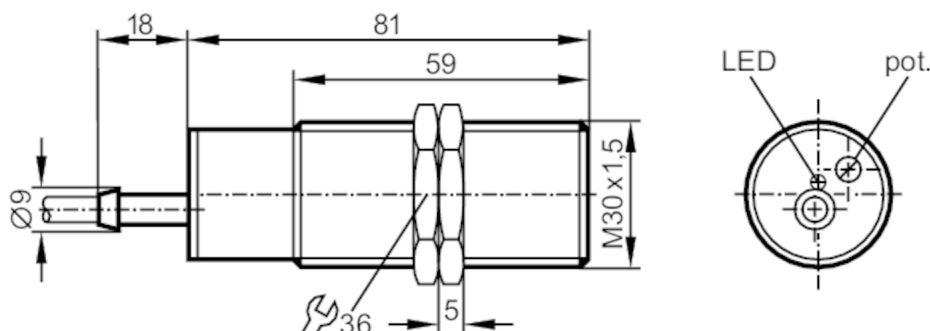
Capacitive sensor

KI-3015-APKG/NI

Article no longer available - archive entry

Alternative articles: KI5001 or KI5015

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



Product characteristics

Electrical design	PNP
Output function	normally closed
Sensing range [mm]	3...15
Housing	Threaded type
Dimensions [mm]	M30 x 1.5 / L = 81

Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	13; (24 V)
Protection class	II
Reverse polarity protection	yes

Outputs

Electrical design	PNP
Output function	normally closed
Max. voltage drop switching output DC [V]	2.5
Permanent current rating of switching output DC [mA]	250
Switching frequency DC [Hz]	40
Short-circuit protection	yes
Type of short-circuit protection	yes (non-latching)
Overload protection	yes

Monitoring range

Sensing range [mm]	3...15
Sensing range adjustable	yes
Factory setting sensing range [mm]	15

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Capacitive sensor

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Operating conditions

Ambient temperature	[°C]	-25...70
Protection		IP 65
Increased immunity		yes; (Increased immunity to conducted radio frequency interference)

Tests / approvals

EMC	EN 60947-5-2	
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Mechanical data

Housing		Threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M30 x 1.5 / L = 81
Thread designation		M30 x 1.5
Material		PBT

Displays / operating elements

Display	Switching status	1 x LED, yellow
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Accessories

Items supplied	lock nuts: 2
	screwdriver: 1

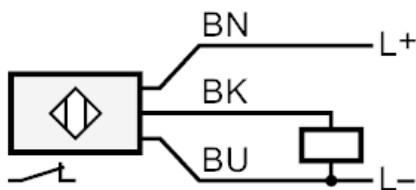
Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 2 m, PVC; 3 x 0.5 mm²

Connection



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