

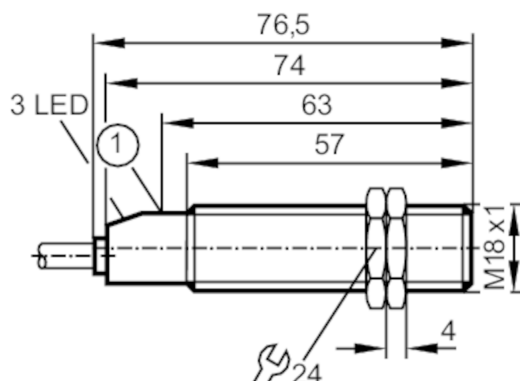
Capacitive sensor

KNM18NUKFPKG

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Alternative articles: KG5069

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



1 Programming button



Product characteristics

Electrical design	PNP
Output function	normally open / closed; (selectable)
Housing	Threaded type
Dimensions [mm]	M18 x 1 / L = 76.5

Application

Media	powder; liquids; oils; Coolants
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Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	17; (24 V)
Protection class	II
Reverse polarity protection	yes

Outputs

Electrical design	PNP
Output function	normally open / closed; (selectable)
Max. voltage drop switching output DC [V]	2.5
Permanent current rating of switching output DC [mA]	250
Switching frequency DC [Hz]	5
Short-circuit protection	yes
Type of short-circuit protection	yes (non-latching)
Overload protection	yes

Operating conditions

Ambient temperature [°C]	-25...80
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KN5118



Capacitive sensor

KNM18NUKFPKG

Protection	IP 65
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Tests / approvals

EMC	EN 60947-5-2
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Mechanical data

Housing	Threaded type
Mounting	non-flush mountable
Dimensions [mm]	M18 x 1 / L = 76.5
Thread designation	M18 x 1
Material	PBT orange

Displays / operating elements

Display	Switching status	1 x LED, yellow
	Power	1 x LED, green
	Function	1 x LED, red

Accessories

Items supplied	lock nuts: 2
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Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 2 m, PVC; 3 x 0.34 mm²

Connection

