

KN5113



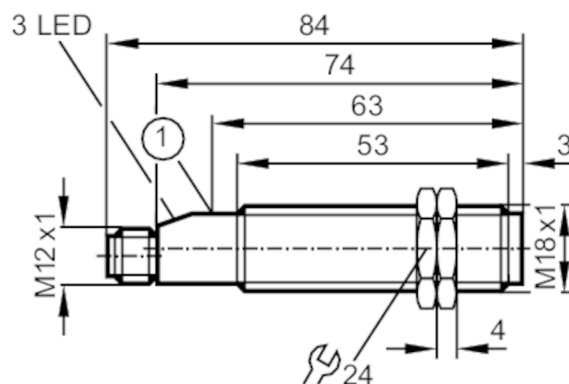
Capacitive sensor

KNM18NUKFPKG/PP/US

Article no longer available - archive entry

Alternative articles: KG5071

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 = 84

Application

System	gold-plated contacts
Media	powder; liquids; oils; Coolants

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

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Operating conditions

Ambient temperature	[°C]	-25...80
Protection		IP 67

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 = 84
Thread designation		M18 x 1
Material		PP

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 - plug

Connector: 1 x M12; coding: A; Contacts: gold-plated

