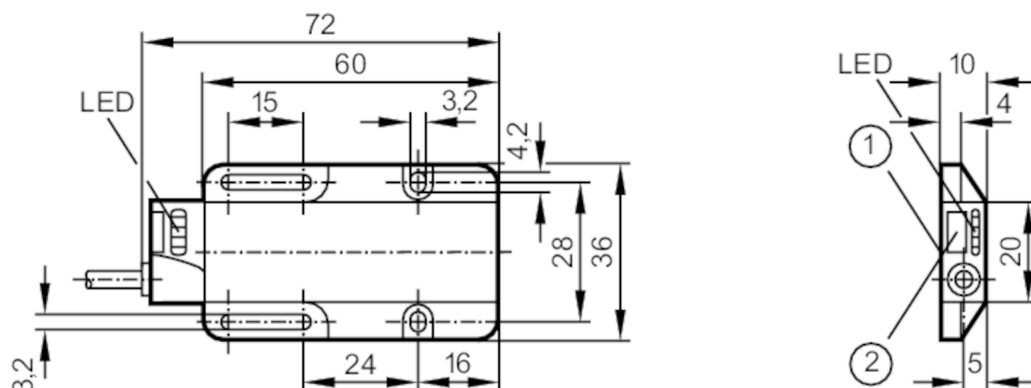




Capacitive sensor

KNQ01NUKFPKG

Article no longer available - archive entry



- 1 Sensing face
2 teach-in element



Product characteristics

Electrical design	PNP
Output function	normally open / normally closed; (selectable)
Sensing range [mm]	sensing range programmable
Housing	rectangular
Dimensions [mm]	72 x 36 x 10

Application

Special feature	Function check output
Installation	detection through non-metallic container walls
Media	dry bulk material; liquids

Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	30; (24 V)
Protection class	II
Reverse polarity protection	yes

Outputs

Electrical design	PNP
Output function	normally open / normally closed; (selectable)
Max. voltage drop switching output DC [V]	2.5
Function check output	yes
Max. voltage drop of function check output [V]	3.5
Max. current load for function check output [mA]	10
Permanent current rating of switching output DC [mA]	150
Switching frequency DC [Hz]	5

KN5116



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Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Sensing range [mm]	sensing range programmable
Sensing range adjustable	yes

Operating conditions

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

Tests / approvals

EMC	EN 60947-5-2
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Mechanical data

Housing	rectangular
Mounting	non-flush mountable
Dimensions [mm]	72 x 36 x 10
Materials	PP; end cap: SAN

Displays / operating elements

Display	switching status	1 x LED, yellow
	operation	1 x LED, green
	function	1 x LED, red

Аксессуары

Items supplied	screwdriver: 1
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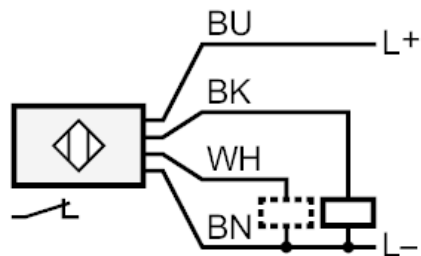
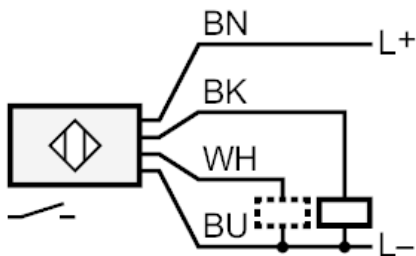
Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 2 m, PVC; 4 x 0.14 mm²

Connection



WH:	Function check output programming wire
	Core colours :
BK =	black
BN =	brown
BU =	blue
WH =	white