

Product characteristics

Electrical design	PNP
Output function	normally closed
Sensing range [mm]	8
Housing	threaded type
Dimensions [mm]	M18 x 1 / L = 84

Electrical data

Operating voltage	[V]	10...36 DC; ("supply class 2" to cULus)
Current consumption	[mA]	< 10 (24 V DC) / < 15 (36 V DC)
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]	50
Short-circuit proof	yes
Overload protection	yes

Detection zone

Sensing range	[mm]	8
Sensing range adjustable		yes
Factory setting sensing range	[mm]	8
Real sensing range Sr	[mm]	8 ± 10 %
Operating distance	[mm]	0...6.5

Accuracy / deviations

Correction factor		glass: 0.4 / water: 1 / ceramics: 0.2 / PVC: 0.2
Hysteresis	[X01]	1...15
Switch point drift	[X01]	-15...15

Operating conditions

Ambient temperature	[°C]	-25...80
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KG5044



Capacitive sensor

KG-3008-APKG/NI

Protection	IP 67
Increased immunity	yes

Tests / approvals

EMC	EN 60947-5-2	
MTTF	[ANN]	648

Mechanical data

Weight	[g]	124
Housing		threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M18 x 1 / L = 84
Thread designation		M18 x 1
Materials		PBT

Displays / operating elements

Display	switching status	1 x LED, yellow
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Аксессуары

Items supplied	lock nuts: 2
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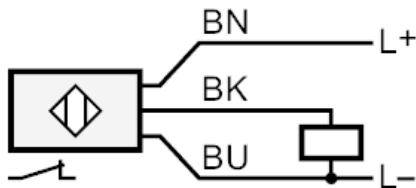
Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 2 m, PVC; 3 x 0.34 mm²

Connection



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