



Capacitive sensor

KG-3007-BPKG

Article no longer available - archive entry

Alternative articles: KG5056

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



Product characteristics

Electrical design	PNP
Output function	normally open
Sensing range [mm]	7; (fixed: 7)
Housing	threaded type
Dimensions [mm]	M18 x 1 / L = 85

Electrical data

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

Outputs

Electrical design	PNP
Output function	normally open
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 protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Sensing range [mm]	7; (fixed: 7)
Real sensing range Sr [mm]	7 ± 10 %

Accuracy / deviations

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

KG5033



Capacitive sensor

KG-3007-BPKG

Operating conditions

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

Tests / approvals

EMC	EN 60947-5-2	
-----	--------------	--

Mechanical data

Housing		threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M18 x 1 / L = 85
Thread designation		M18 x 1
Materials		PBT

Displays / operating elements

Display	switching status	1 x LED, yellow
---------	------------------	-----------------

Accessories

Items supplied	lock nuts: 2
	screwdriver: 1

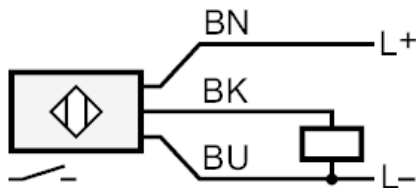
Remarks

Pack quantity	1 pcs.
---------------	--------

Electrical connection

Cable: 2 m, PVC; 3 x 0.5 mm²

Connection



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