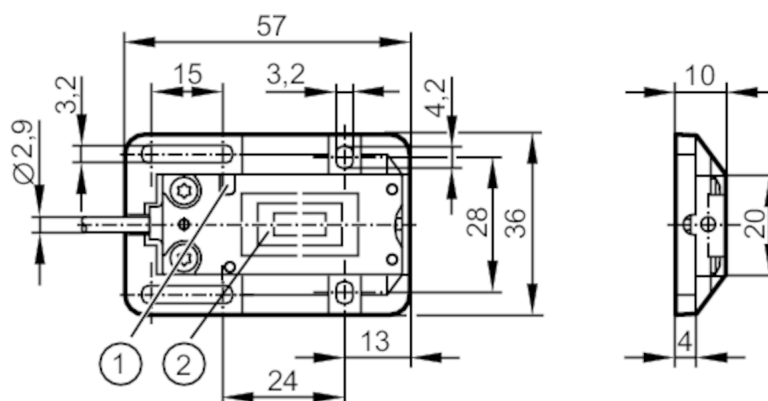


Capacitive sensor

KQ-3073NAPKG

phase-out article

Discontinuation date: 03/31/2026



- 1 LED
2 Sensing face



Product characteristics

Electrical design	PNP
Output function	normally closed
Sensing range [mm]	7.3; (fixed: 7,3)
Housing	rectangular
Dimensions [mm]	57 x 36 x 10

Application

Application	level detection of demineralised water
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Electrical data

Operating voltage [V]	10...30 DC
Current consumption [mA]	< 17
Protection class	III
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]	100
Switching frequency DC [Hz]	10
Short-circuit proof	yes
Overload protection	yes

Detection zone

Sensing range [mm]	7.3; (fixed: 7,3)
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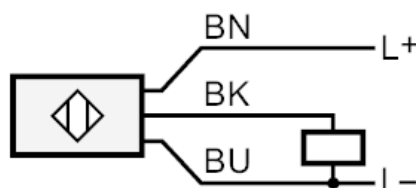
KQ5005



Capacitive sensor

KQ-3073NAPKG

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]	-20...20	
Operating conditions			
Ambient temperature		[°C]	-25...80
Protection		IP 65; IP 67; IP 69K	
Tests / approvals			
EMC		EN 60947-5-2	
MTTF		[years]	771
UL approval		Ta	-25...80 °C
		Enclosure type	Type 1
		power supply	Class 2
Mechanical data			
Weight		[g]	43
Housing		rectangular	
Mounting		non-flush mountable	
Dimensions		[mm]	57 x 36 x 10
Materials		PBT; TPE-U; stainless steel	
Displays / operating elements			
Display		switching status	1 x LED, yellow
Accessories			
Items supplied		mounting adapter: 1	
Remarks			
Pack quantity		1 pcs.	
Electrical connection			
Cable: 2 m, PUR; 3 x 0.14 mm²			
Connection			



	Core colours :
BN	brown
BK	black
BU	blue