

KQ5010

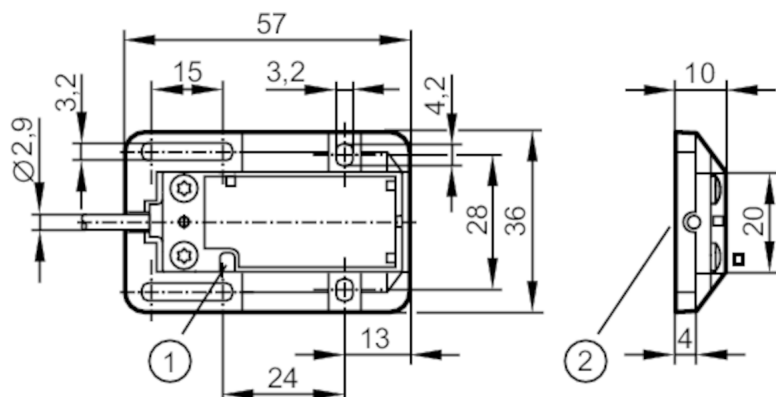
Capacitive sensor

KQ-3040NAPKG/0,04M/AS



Status Archive

/KQ5101



- 1 LED
2 Sensing face



Electrical data

Operating voltage [V]	10...36 DC; ("supply class 2" according to UL)
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]	8; (preset: 4,0 mm (± 0,2 mm))
Sensing range adjustable	yes
Factory setting sensing range [mm]	4

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

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Tests / approvals		
EMC	EN 60947-5-2	
MTTF	[years]	771
Mechanical data		
Weight	[g]	67.4
Housing	rectangular	
Mounting	non-flush mountable	
Dimensions	[mm]	20 x 7 x 48
Materials	PBT; TPE-U; stainless steel	
Displays / operating elements		
Display	switching status	1 x LED, yellow
Electrical connection		
Connection	plug	
Accessories		
Accessories (supplied)	mounting adapter: 1, fitted	
Remarks		
Pack quantity	1 pcs.	

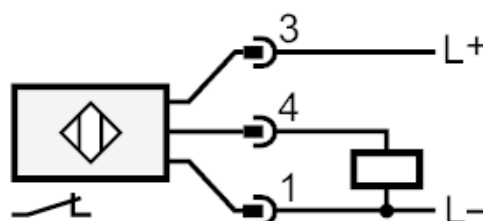
Electrical connection - plug

Cable: 0.045 m, PUR

Connector: 1 x M8



Connection



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