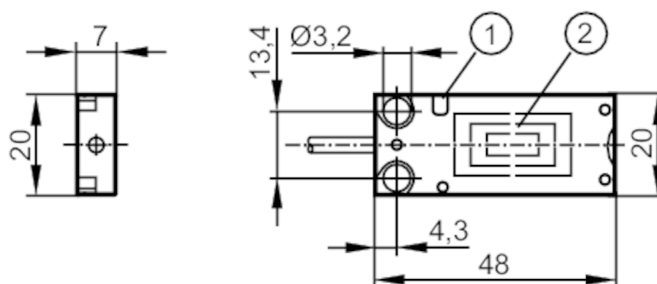


KQ5011



Capacitive sensor

KQ-3040NBPKG/0,76M/MOLEX



- 1 LED
- 2 Sensing face



Application

Application	level detection food and beverage industry
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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 open
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

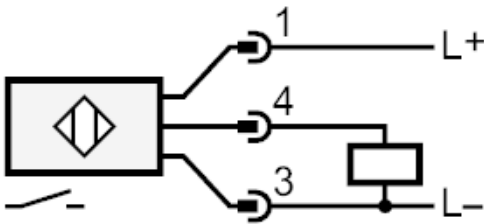
KQ5011



Capacitive sensor

KQ-3040NBPKG/0,76M/MOLEX

Tests / approvals		
EMC	EN 60947-5-2	
MTTF	[years]	771
Mechanical data		
Weight	[g]	33.6
Housing	rectangular	
Dimensions	[mm]	20 x 7 x 48
Materials	PBT; TPE-U; stainless steel	
Displays / operating elements		
Display	switching status	1 x LED, yellow
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 0.76 m, PUR; 3 x 0.14 mm²		
Connection		



Connector: 1 x MOLEX