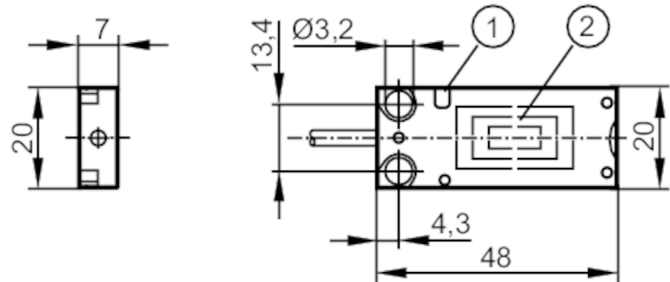


KQ5011



Capacitive sensor

KQ-3040NBPKG/0,76M/MOLEX



- 1 LED
2 Sensing face



Product characteristics

Electrical design	PNP
Output function	normally open
Sensing range [mm]	4
Housing	rectangular
Dimensions [mm]	20 x 7 x 48

Application

Application	level detection food and beverage industry
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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 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]	4
Sensing range adjustable	no

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

KQ5011



Capacitive sensor

KQ-3040NBPKG/0,76M/MOLEX

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]	24.5
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
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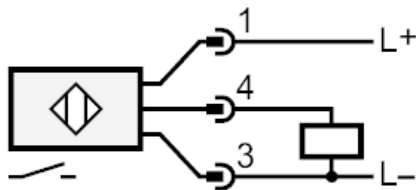
Remarks

Pack quantity		1 pcs.
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Electrical connection - MOLEX

Cable: 0.76 m, PUR; 3 x 0.14 mm²

Connection



Connector: 1 x MOLEX