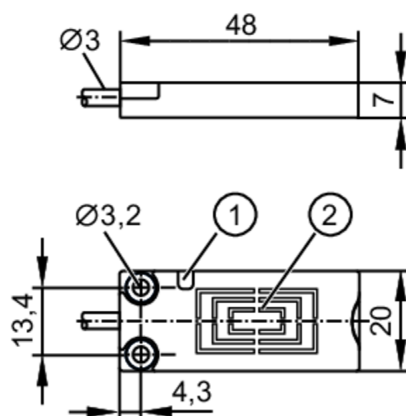


KQ5011

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

KQ5011



Capacitive sensor

KQ-3040NBPKG/0,76M/MOLEX

Switch point drift	[% of Sr]	-20...20
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Operating conditions

Ambient temperature	[°C]	-25...80
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Protection	IP 65; IP 67; IP 69K
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Tests / approvals

EMC	EN 60947-5-2	
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MTTF	[years]	771
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UL approval	Ta	-25...80 °C
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	Enclosure type	Type 1
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	power supply	Class 2
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Mechanical data

Weight	[g]	24.5
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Housing	rectangular
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Dimensions	[mm]	20 x 7 x 48
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Materials	PBT; TPE-U; stainless steel
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Displays / operating elements

Display	switching status	1 x LED, yellow
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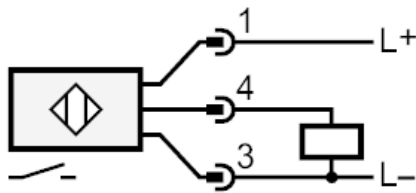
Remarks

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