

KQ5011



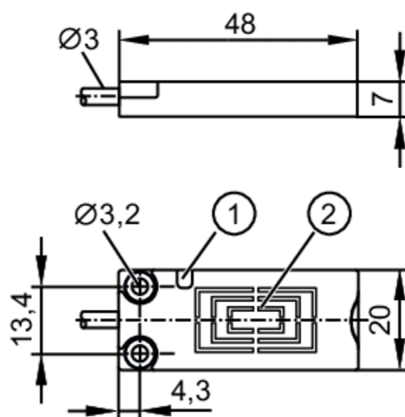
Capacitive sensor

KQ-3040NBPKG/0,76M/MOLEX

Article to be discontinued

Alternative articles: KQ5100

When selecting an alternative article and accessories please note that technical data may differ!



- 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

Monitoring range

Sensing range [mm]	4
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KQ5011



Capacitive sensor

KQ-3040NBPKG/0,76M/MOLEX

Sensing range adjustable	no
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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
	voltage supply	Class 2

Mechanical data

Weight [g]	24.5
Housing	rectangular
Dimensions [mm]	20 x 7 x 48
Material	PBT; TPE-U; stainless steel

Displays / operating elements

Display	Switching status	1 x LED, yellow
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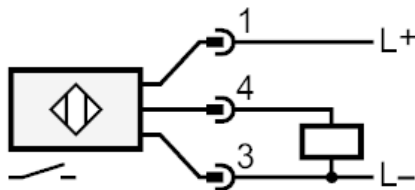
Remarks

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