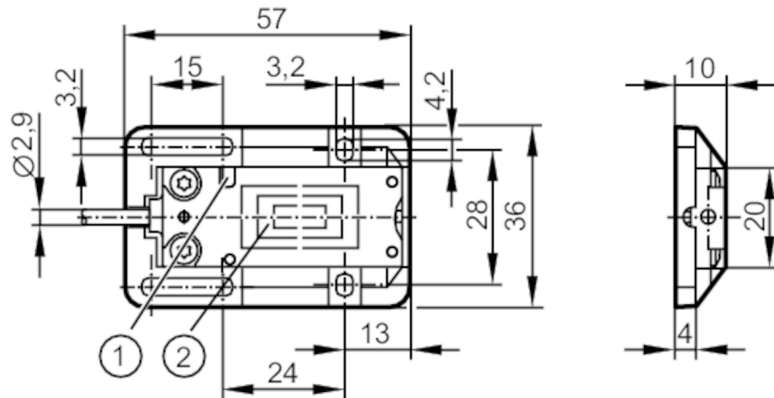


# KQ5006



## Capacitive sensor

KQ-3067NAPKG/0,04M/AS



- 1 LED  
2 Sensing face



### Product characteristics

Electrical design	PNP
Output function	normally closed
Sensing range [mm]	8; (preset: 6,7 mm (± 10%))
Housing	rectangular
Dimensions [mm]	20 x 7 x 48

### Application

Application	detection of seeds
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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 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: 6,7 mm (± 10%))
Sensing range adjustable	yes
Factory setting sensing range [mm]	6.7

### Accuracy / deviations

Correction factor	glass: 0.4 / water: 1 / ceramics: 0.2 / PVC: 0.2
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## Capacitive sensor

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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
	power supply	Class 2

### Mechanical data

Weight	[g]	58.6
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
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### Accessories

Items supplied		mounting adapter: 1, fitted
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### Remarks

Pack quantity		1 pcs.
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### Electrical connection - plug

Cable: 0.045 m, PUR

Connector: 1 x M8; coding: A



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### Connection

