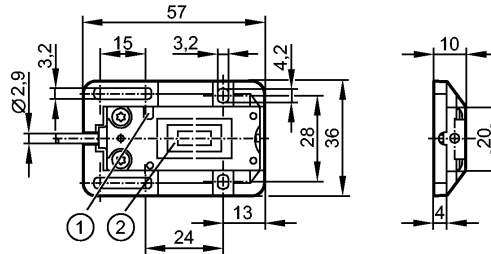


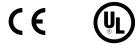


KQ-3067NAPKG/0.04M/AS

Capacitive sensors



1: LED
2: sensing face

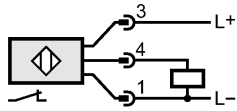


Product characteristics

Capacitive sensor	
Rectangular, plastics	
Cable with connector	
Sensing range 8 mm; preset to 6.7 mm ($\pm 10\%$); [nf] non-flush mountable	
Application	Detection of seeds
Electrical data	DC PNP
Electrical design	
Operating voltage [V]	10...36 DC; UL - Class 2 source required
Current consumption [mA]	< 17
Protection class	III
Reverse polarity protection	yes
Outputs	Normally closed
Output function	
Voltage drop [V]	< 2.5
Current rating [mA]	100
Short-circuit proof	yes
Overload protection	yes
Switching frequency [Hz]	10
Range	8, preset to 6.7 mm ($\pm 10\%$)
Sensing range [mm]	
Accuracy / deviations	water = 1 / glass approx. 0.4 / ceramics approx. 0.2 / PVC approx. 0.2
Correction factors	
Hysteresis [% of Sr]	1...15
Switch-point drift [% of Sr]	-20...20
Environment	
Ambient temperature [°C]	-25...80
Protection	IP 65 / IP 67
Tests / approvals	
EMC	IEC 60947-5-2: 2007
MTTF [Years]	771
Mechanical data	
Mounting	non-flush mountable
Housing materials	PBT; TPE-U; stainless steel
Weight [kg]	0.059
Displays / operating elements	
Output status indication LED	yellow
Electrical connection	
Connection	PUR cable / 0.045 m; with M8 connector

Wiring

KQ5006 - Capacitive sensor - eclass: 27371813 / 27-37-18-13



Accessories

Accessories (included)

fixing adapter (pre-mounted)

Remarks

Pack quantity

[piece]

1