

KQ5010



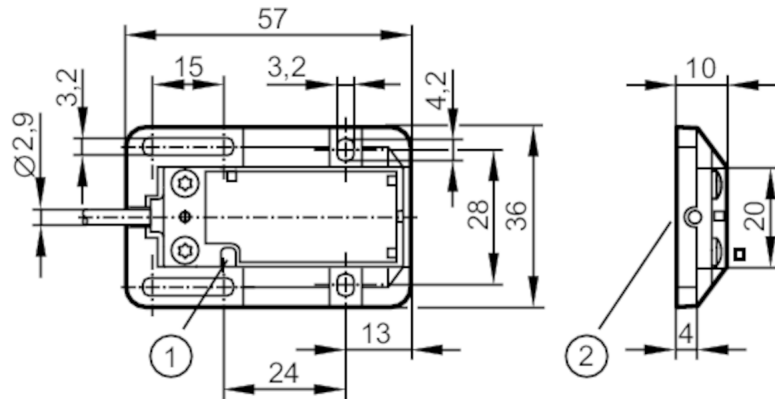
Capacitive sensor

KQ-3040NAPKG/0,04M/AS

Article no longer available - archive entry

Alternative articles: KQ5101

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 closed
Sensing range	[mm]	8; (preset: 4,0 mm (± 0,2 mm))
Housing		rectangular
Dimensions	[mm]	20 x 7 x 48

Electrical data

Operating voltage	[V]	10...36 DC; (UL - Class 2 source required)
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

Monitoring range

Sensing range	[mm]	8; (preset: 4,0 mm (± 0,2 mm))
Sensing range adjustable		yes
Factory setting sensing range	[mm]	4

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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
Tests / approvals		
EMC		EN 60947-5-2
Mechanical data		
Weight	[g]	67.4
Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	20 x 7 x 48
Material		PBT; TPE-U; stainless steel
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Accessories		
Items supplied		mounting adapter: 1, fitted
Remarks		
Pack quantity		1 pcs.
Electrical connection - plug		
Cable: 0.045 m, PUR		
Connector: 1 x M8		

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Connection

