KQ5010

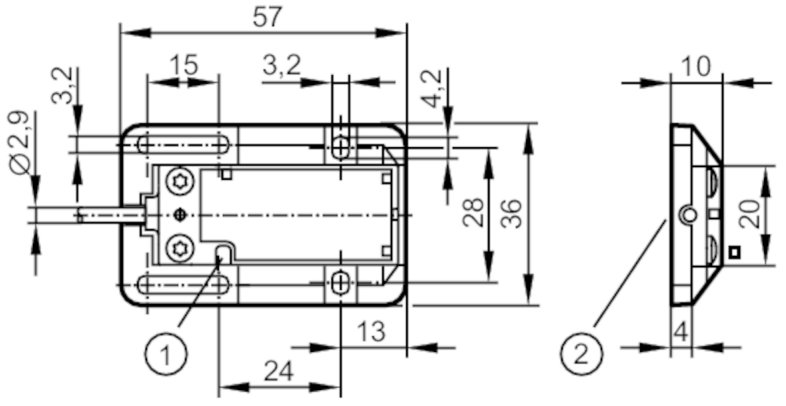
Capacitive sensor

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

KQ5010

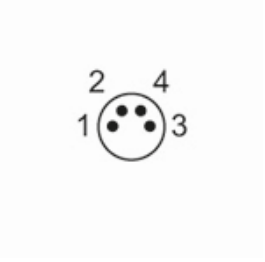
Capacitive sensor

KQ-3040NAPKG/0,04M/AS

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; coding: A



Connection

