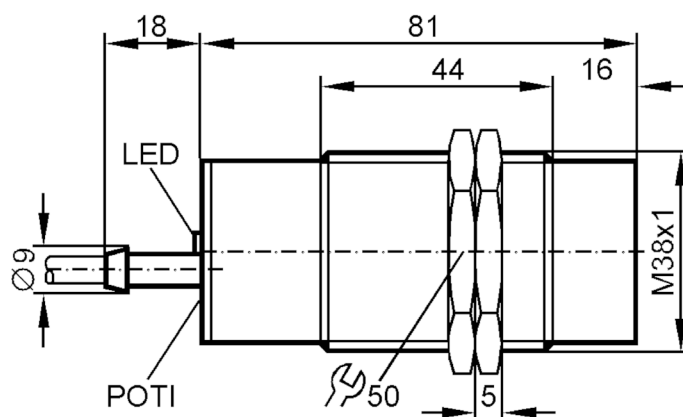




Article no longer available - archive entry



Product characteristics

Electrical design	PNP
Output function	normally open
Sensing range [mm]	4...20
Housing	threaded type
Dimensions [mm]	M38 x 1.5

Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	10; (24 V)
Protection class	II
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]	250
Switching frequency DC [Hz]	40
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

KK7004



Capacitive sensor

Detection zone		
Sensing range	[mm]	4...20
Sensing range adjustable		yes
Factory setting sensing range	[mm]	20
Real sensing range Sr	[mm]	20 ± 10 %
Operating distance	[mm]	0...16.2
Accuracy / deviations		
Correction factor		glass: 0.4 / water: 1 / ceramics: 0.2 / PVC: 0.2
Hysteresis	[X01]	1...15
Switch point drift	[X01]	-15...15
Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 65
Tests / approvals		
EMC	EN 60947-5-2	
Mechanical data		
Housing		threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M38 x 1.5
Thread designation		M38 x 1.5
Materials		brass white bronze coated; PBT
Displays / operating elements		
Display	switching status	1 x LED, yellow
Аксессуары		
Items supplied	lock nuts: 2	
	screwdriver: 1	
Remarks		
Pack quantity	1 pcs.	

KK7004

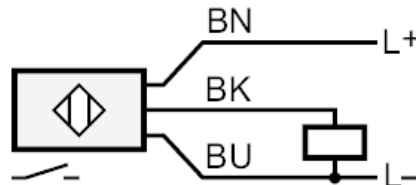
Capacitive sensor



Electrical connection

Cable: 6 m, PVC; 3 x 0.5 mm²

Connection



BK =
BN =
BU =

Core colours :
black
brown
blue