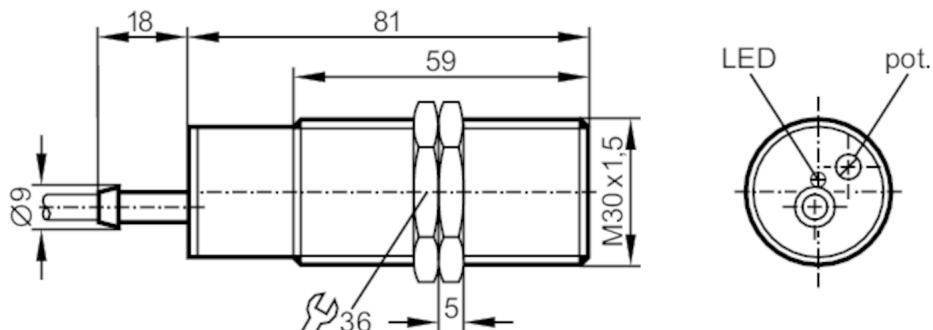




Status Archive

/KI5082



Electrical data

Operating voltage [V]	10...36 DC
Protection class	II
Reverse polarity protection	yes

Outputs

Electrical design	PNP/NPN
Output function	normally open / normally closed; (selectable)
Max. voltage drop switching output DC [V]	4.6
Minimum load current [mA]	5
Max. leakage current [mA]	1
Permanent current rating of switching output DC [mA]	250
Switching frequency DC [Hz]	40
Short-circuit proof	yes
Overload protection	yes

Detection zone

Sensing range [mm]	3...15
Sensing range adjustable	yes
Factory setting sensing range [mm]	15
Real sensing range S_r [mm]	$15 \pm 10 \%$
Operating distance [mm]	0...12.1

Accuracy / deviations

Correction factor	glass: 0.4 / water: 1 / ceramics: 0.2 / PVC: 0.2
Hysteresis [% of S_r]	1...15
Switch point drift [% of S_r]	-15...15

Operating conditions

Ambient temperature [°C]	-25...80
Protection	IP 65

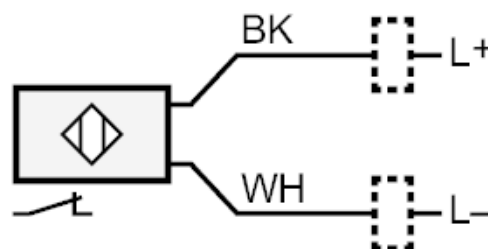
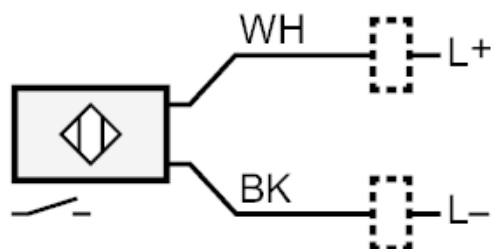
KI5060



Capacitive sensor

KI-2015-FRKG/NI/PH

Tests / approvals		
EMC	EN 60947-5-2	
MTTF	[years]	445
Mechanical data		
Weight	[g]	193.8
Housing	threaded type	
Mounting	non-flush mountable	
Dimensions	[mm]	M30 x 1.5 / L = 81
Thread designation	M30 x 1.5	
Materials	PBT	
Displays / operating elements		
Display	switching status	1 x LED, yellow
Accessories		
Accessories (supplied)	lock nuts: 2	
	screwdriver: 1	
Remarks		
Notes	discontinued article	
Pack quantity	1 pcs.	
Electrical connection		
Cable: 2 m, PUR / PVC; 2 x 0.5 mm²		
Connection		



Core colours :

BK = black
WH = white

Status Archive

/KI5082