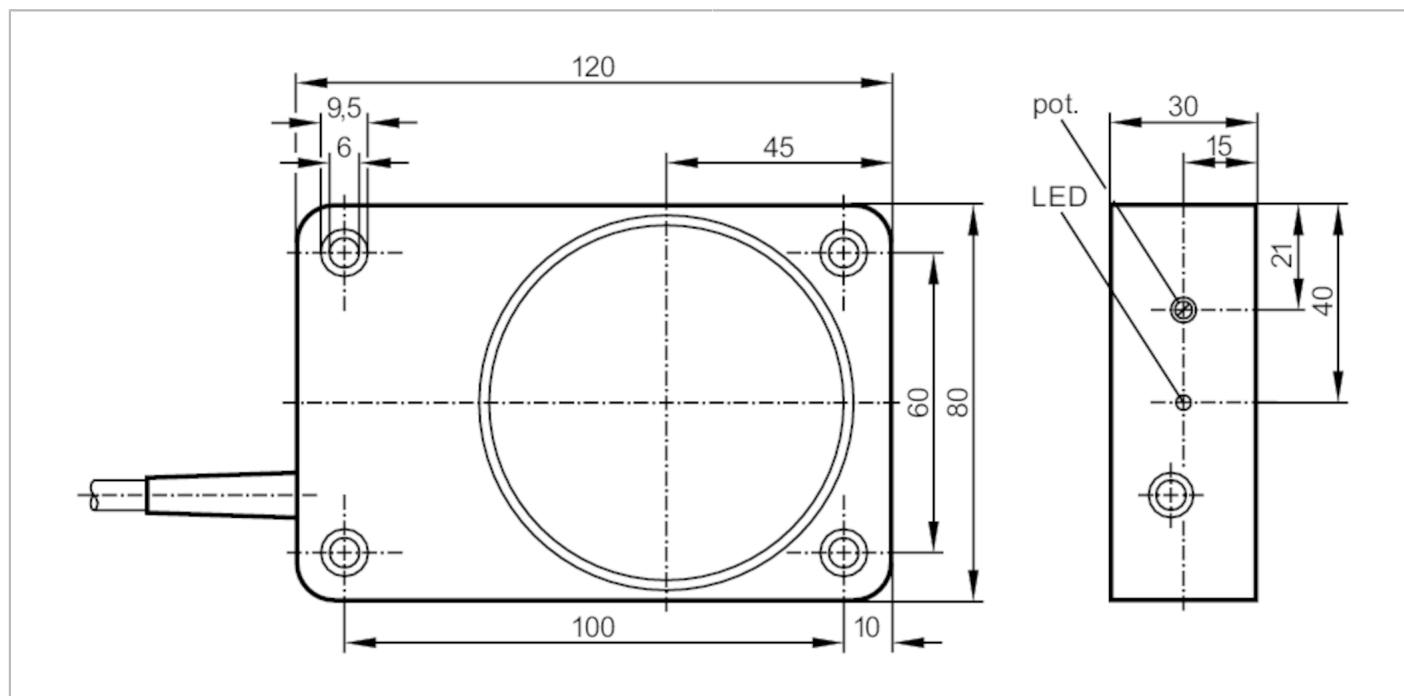


KD5022



Capacitive sensor

KD-3060-BPKG/NI



Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	15; (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]	10
Short-circuit proof		yes
Overload protection		yes

Detection zone

Sensing range	[mm]	60
Real sensing range Sr	[mm]	60 ± 10 %
Operating distance	[mm]	0...48.6

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]	-15...15

KD5022



Capacitive sensor

KD-3060-BPKG/NI

Operating conditions

Ambient temperature	[°C]	-25...50
Protection		IP 65
Increased immunity		yes

Tests / approvals

EMC		EN 60947-5-2
MTTF	[years]	615

Mechanical data

Weight	[g]	403.6
Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	120 x 80 x 30
Materials		PPE modified

Displays / operating elements

Display	switching status	1 x LED, yellow
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Accessories

Accessories (supplied)	screwdriver: 1
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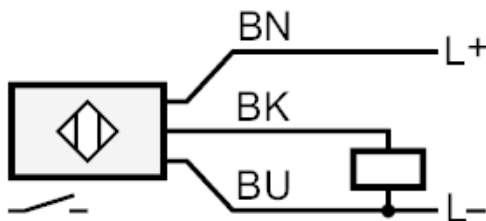
Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 2 m, PVC; 3 x 0.5 mm²

Connection



Core colours :

BN =	brown
BK =	black
BU =	blue