

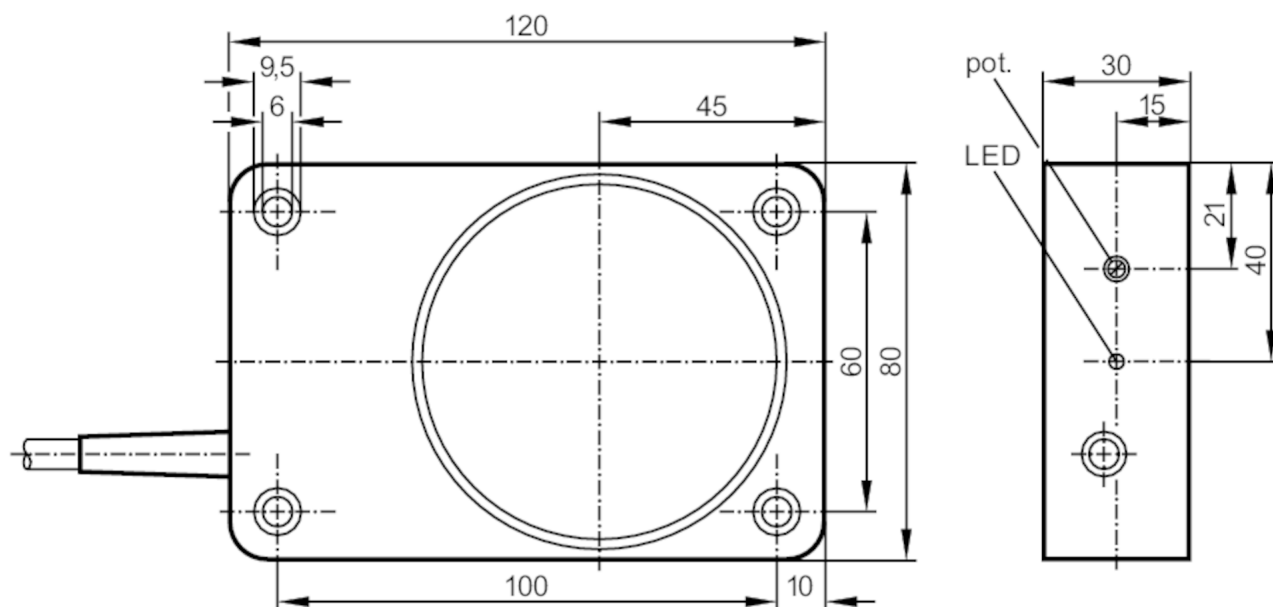


Inductive sensor

ID-3050-ANKG

Article to be discontinued

Discontinuation date: 03/31/2026



Product characteristics

Electrical design	NPN
Output function	normally open
Sensing range [mm]	50
Housing	rectangular
Dimensions [mm]	120 x 80 x 30

Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	15; (24 V)
Protection class	II
Reverse polarity protection	yes

Outputs

Electrical design	NPN
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]	8
Short-circuit protection	yes
Type of short-circuit protection	yes (non-latching)
Overload protection	yes



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Monitoring range		
Sensing range	[mm]	50
Sensing range adjustable		yes
Factory setting sensing range	[mm]	50
Real sensing range Sr	[mm]	50 ± 10 %
Operating distance	[mm]	0...40.5
Accuracy / deviations		
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 0.3 / copper: 0.2
Hysteresis	[% of Sr]	1...15
Switch-point drift	[% of Sr]	-10...10
Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 65
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
MTTF	[years]	1132
Mechanical data		
Weight	[g]	595.5
Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	120 x 80 x 30
Material		PPE modified
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Accessories		
Items supplied		screwdriver: 1
Remarks		
Pack quantity		1 pcs.

ID5028



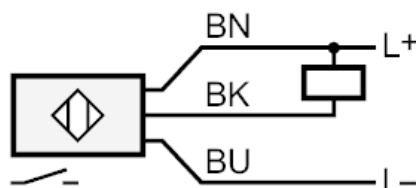
Inductive sensor

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Electrical connection

Cable: 2 m, PVC; 3 x 0.5 mm²

Connection



BN =	Core colors :
BU =	brown
BK =	blue
	black