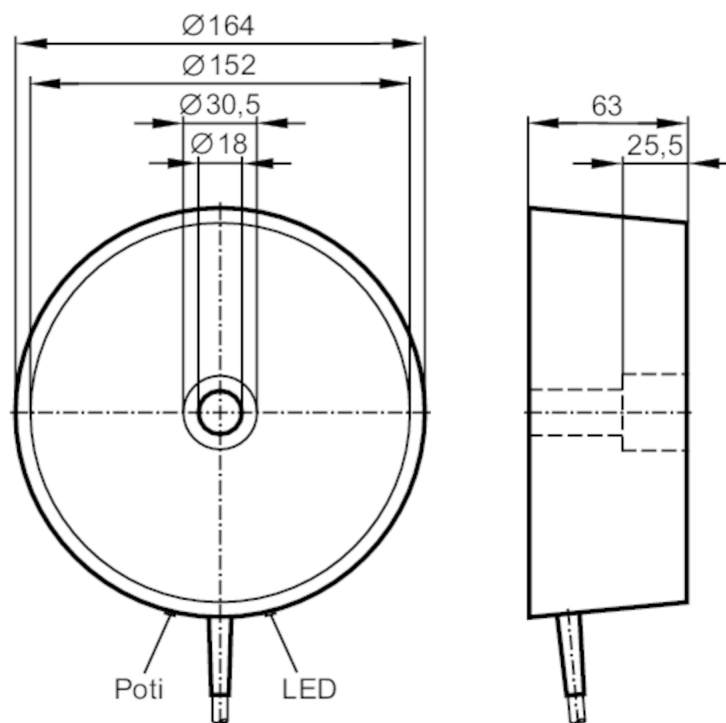


Inductive area sensor

SIY-3120-ANKG

Article no longer available - archive entry



Product characteristics

Electrical design	NPN
Output function	normally open
Sensing range [mm]	30...120
Housing	cylindrical
Dimensions [mm]	Ø 164 / L = 63

Electrical data

Operating voltage [V]	12...36 DC
Current consumption [mA]	< 7

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]	200
Switching frequency DC [Hz]	3

Detection zone

Sensing range [mm]	30...120
Sensing range adjustable	yes



Inductive area sensor

SIY-3120-ANKG

Factory setting sensing range [mm]	120
Real sensing range Sr [mm]	(30...120)

Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2
Hysteresis [% of Sr]	< 15
Switch point drift [% of Sr]	-15...15

Operating conditions

Ambient temperature [°C]	-20...70
Protection	IP 65

Tests / approvals

EMC	EN 60947-5-2
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Mechanical data

Housing	cylindrical
Mounting	non-flush mountable
Dimensions [mm]	Ø 164 / L = 63
Materials	housing: PBT; bottom cover: aluminium

Displays / operating elements

Display	switching status	1 x LED, yellow
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Accessories

Items supplied	screws: 1 x M16 x 90
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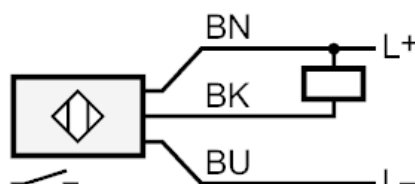
Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 2 m, PVC; 3 x 0.5 mm²

Connection



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