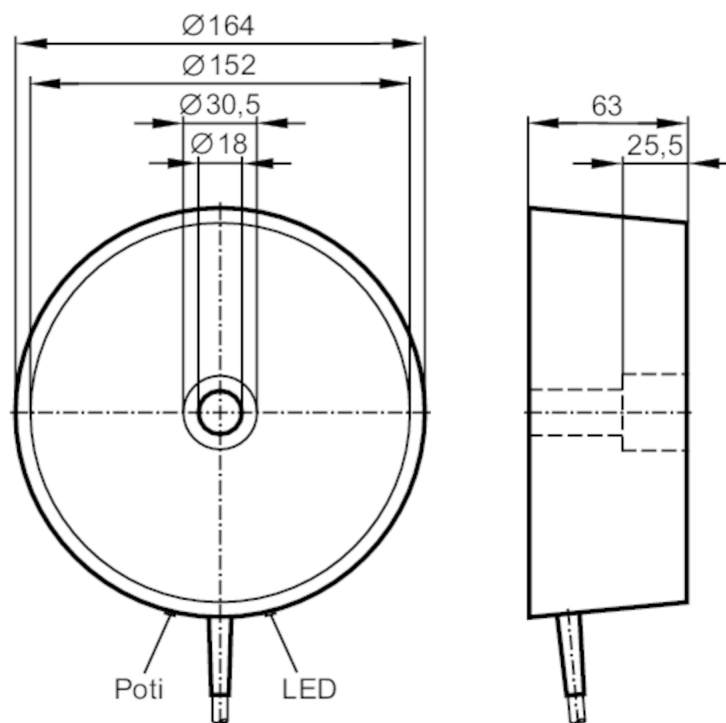


Inductive area sensor

SIY-3120-ANKG

Article no longer available - archive entry



Product characteristics

Electrical design	NPN
Output function	normally open
Sensing range [mm]	30...120
Housing	tubular
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

Monitoring range

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

I27002



Inductive area sensor

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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 / aluminum: 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

Mechanical data	
Housing	tubular
Mounting	non-flush mountable
Dimensions [mm]	Ø 164 / L = 63
Material	housing: PBT; bottom cover: aluminum

Displays / operating elements		
Display	Switching status	1 x LED, yellow

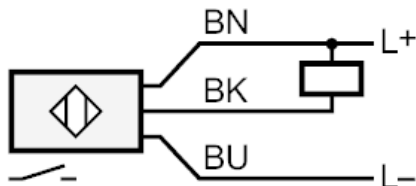
Accessories	
Items supplied	screws: 1 x M16 x 90

Remarks	
Pack quantity	1 pcs.

Electrical connection

Cable: 2 m, PVC; 3 x 0.5 mm²

Connection



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