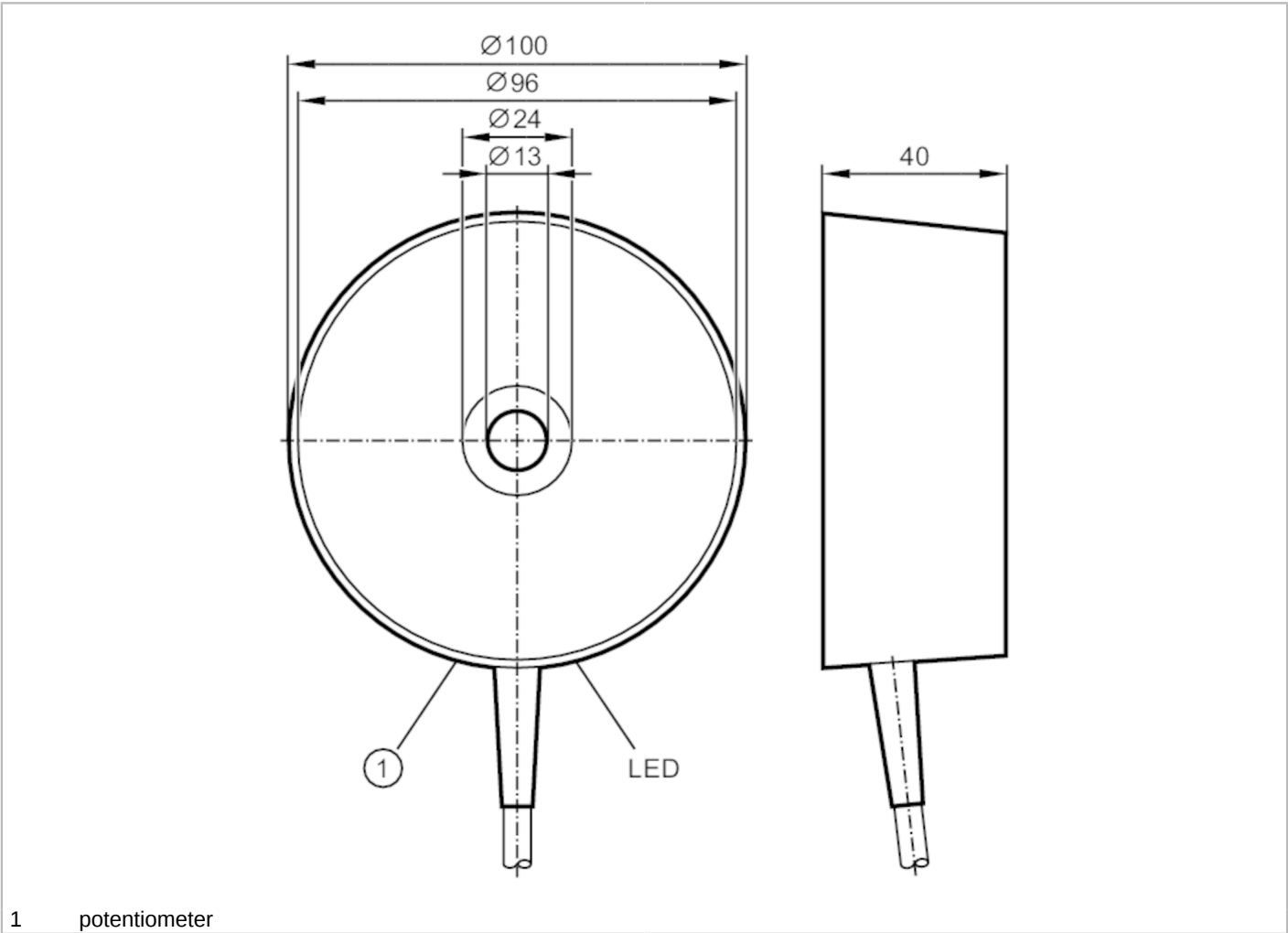




Inductive area sensor

SIT-4070-CPKG/2M



1 potentiometer



Product characteristics		
Electrical design		PNP
Output function		complementary
Sensing range	[mm]	20...70
Housing		cylindrical
Dimensions	[mm]	Ø 100 / L = 40
Electrical data		
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	20; (24 V)
Protection class		II
Reverse polarity protection		yes
Outputs		
Electrical design		PNP
Output function		complementary
Max. voltage drop switching output DC	[V]	3.5



Inductive area sensor

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Permanent current rating of switching output DC	[mA]	250
Switching frequency DC	[Hz]	5
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

Sensing range	[mm]	20...70
Sensing range adjustable		yes
Factory setting sensing range	[mm]	70
Real sensing range Sr	[mm]	70 ± 10 %

Accuracy / deviations

Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.4 / copper: 0.3
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	
	EN 55011	class B

Mechanical data

Weight	[g]	508.5
Housing		cylindrical
Mounting		non-flush mountable
Dimensions	[mm]	Ø 100 / L = 40
Materials		PBT

Displays / operating elements

Display	switching status	1 x LED, yellow
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Accessories

Items supplied	screws: 1 x M10 x 50
	covers: 1

Remarks

Pack quantity	1 pcs.
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I15005



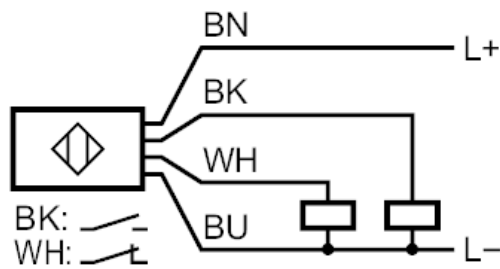
Inductive area sensor

SIT-4070-CPKG/2M

Electrical connection

Cable: 2 m, PVC; 4 x 0.34 mm²

Connection



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