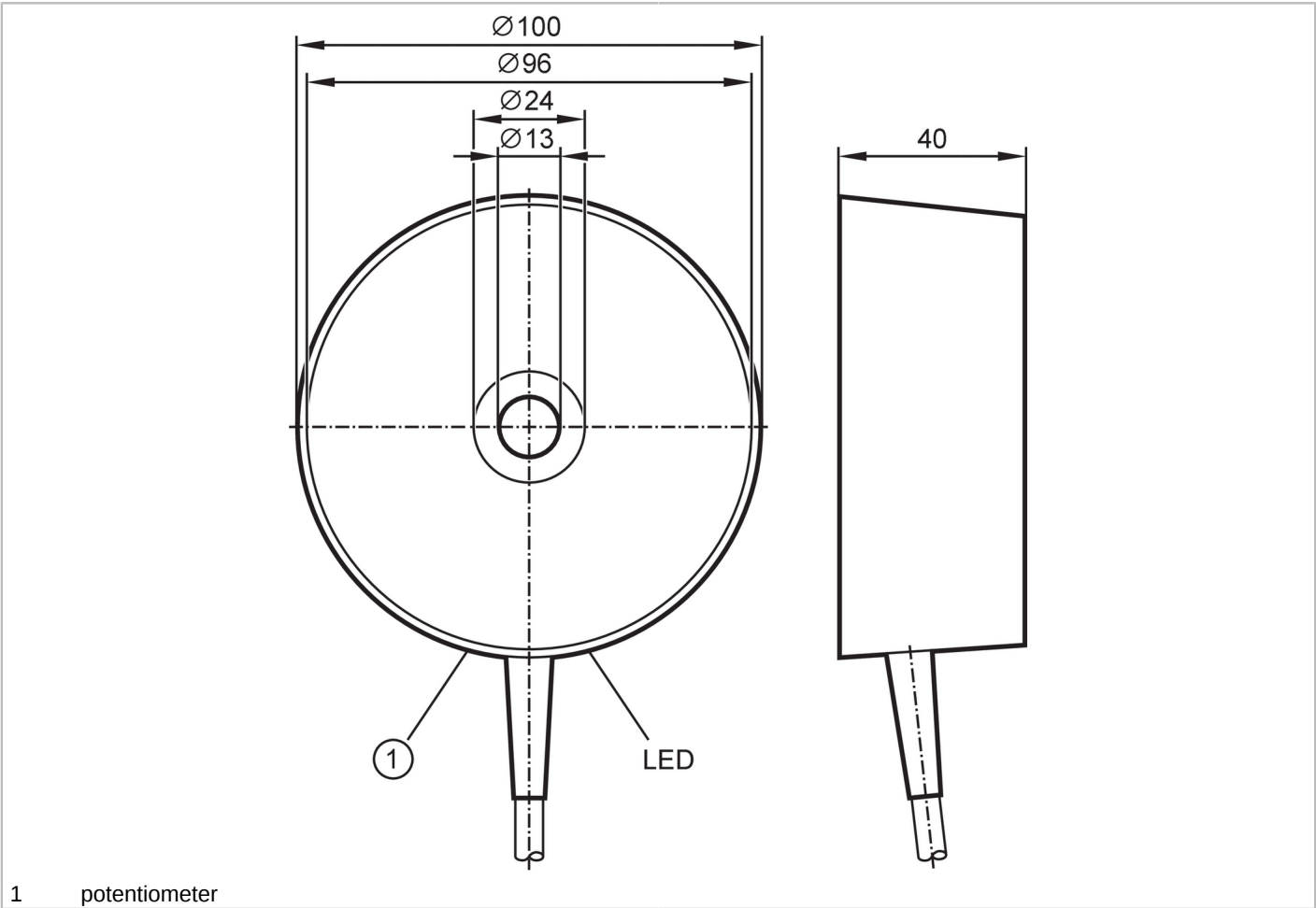




Inductive area sensor

SIT-4070-CPKG/2M



1 potentiometer



Product characteristics	
Electrical design	PNP
Output function	complementary
Sensing range [mm]	20...70
Housing	tubular
Dimensions [mm]	Ø 100 / L = 40
Application	
Application	Industrial applications
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		yes (non-latching)
Overload protection		yes

Monitoring range		
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 / aluminum: 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		tubular
Mounting		non-flush mountable
Dimensions	[mm]	Ø 100 / L = 40
Material		housing: PBT

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

Accessories		
Items supplied		screws: 1 x (M10 x 50 mm)
		covers: 1

Remarks		
Pack quantity		1 pcs.

I15005



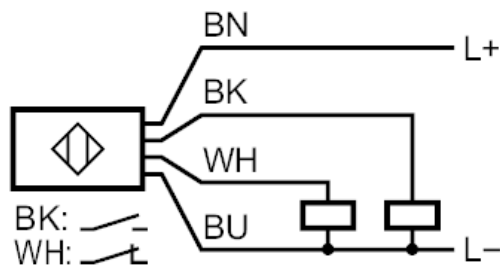
Inductive area sensor

SIT-4070-CPKG/2M

Electrical connection

Cable: 2 m, PVC; 4 x 0.34 mm²

Connection



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