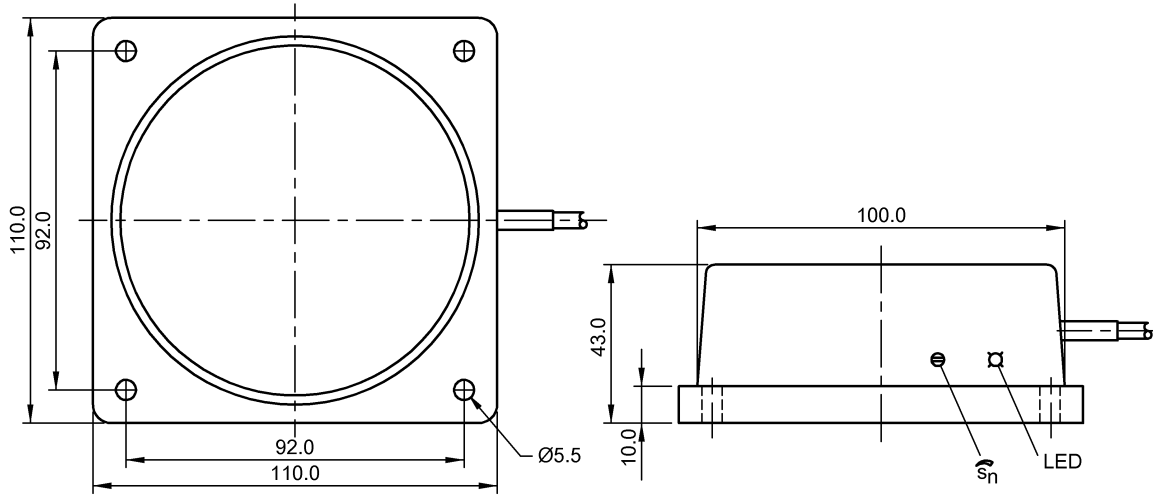


Inductive Sensors
BES IKN-K-070-P-1-S
Order Code: BES02RW



Basic features

Approval/Conformity	CE WEEE
Basic standard	IEC 60947-5-2

Display/Operation

Function indicator	yes
Power indicator	no

Electrical connection

Cable length L	2 m
Conductor cross-section	0.33 mm ²
Connection type	Cable, 2.00 m
Number of conductors	3
Short-circuit protection	yes

Electrical data

Operating voltage U _b	10...55 VDC
Rated operating current I _e	400 mA
Rated operating voltage U _e DC	24 V
Rated short circuit current	100 A
Ripple max. (% of U _e)	5 %
Switching frequency	80 Hz
Voltage drop static max.	1.5 V

Environmental conditions

Ambient temperature	-25...70 °C
IP rating	IP67

Interface

Switching output	PNP normally open (NO)
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Material

Housing material	PBT
Material sensing surface	PBT

Mechanical data

Dimension	110 x 110 x 43 mm
Installation	non-flush
Size	110x110x43

Range/Distance

Assured operating distance Sa	56 mm
Hysteresis H max. (% of Sr)	15.0 %
Rated operating distance Sn	70 mm
Real switching distance sr	70 mm
Repeat accuracy max. (% of Sr)	5.0 %
Temperature drift max. (% of Sr)	10 %

Remarks

Protection class with installed protection screw for the adjusting container.

Wiring Diagrams

