Inductive proximity switch
IKL 010.05 G

- Plastic housing M30 x 1,5
- Rated operating distance (S_n) 10 mm
- AC/DC 2 wire normally open



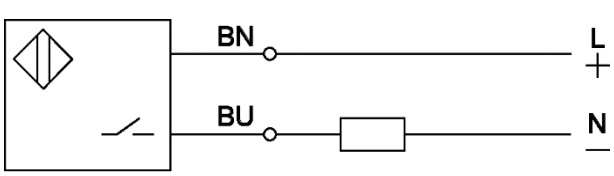
Product Characteristics

Type	**IKL 010.05 G**
Connection	**Art.-No.**
2 m PVC cable	2434C
5 m PVC cable	2434C-5
10 m PVC cable	2434C-10
15 m PVC cable	2434C-15
20 m PVC cable	2434C-20
Application	Non-contact detection of metallic objects

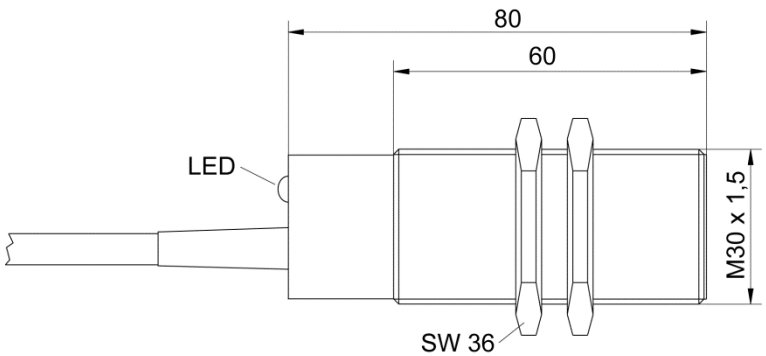
Technical Data

Rated operating distance (S_n)	10 mm
Target steel St37, 1 mm thick	30 x 30 mm
Operating distance adjustable	no
Switching hysteresis (H)	1 - 15 %
Location at metal	flush
Supply voltage (U_B)	20 - 260 V AC/DC
Power frequency	40 – 440 Hz
Ripple voltage	max. 15 % (DC)
Output	normally open
Continuous current	5 - 400 mA
Short-circuit protection	yes, pulsing
Residual current (I_r)	1,7 mA / 260 V AC 1,0 mA / 24 V DC
Voltage drop (U_d)	< 9 V
Operating frequency (f)	25 Hz (AC) / 200 Hz (DC)
Ambient temperature	-25 ... +80 °C
Protection class	IP 67
Housing material	plastic
Functional display	LED

Connection



Dimension (mm)



Accessories (in scope of supply)

	Type	Art.-No.
Plastic nut M30 x 1,5 (2 pieces)	HL 1	9848A

Accessories (**not** in scope of supply)

	Type	Art.-No.
M30 Mounting clamp with ball joint	HM 5	9816E

Further information

	Document
Operating manual	BDA_IK_D_E