

- PTFE housing Ø 35 mm
- Rated operating distance ( $S_n$ ) 34 mm
- ProxiPlus technology for higher operating distance
- Optimal detection of small objects
- PNP normally closed + normally closed
- IP 68



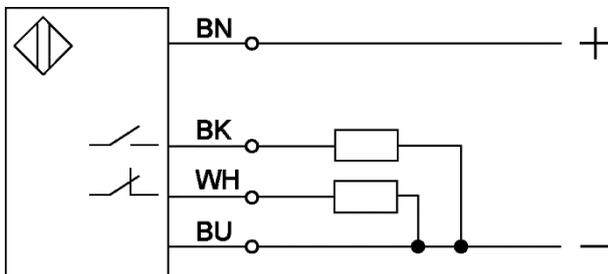
### Product Characteristics

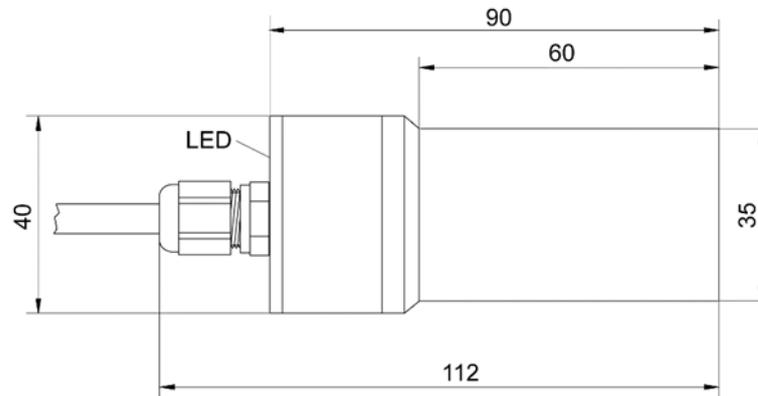
<b>Type</b>	<b>IPHT 034.38 G</b>
<b>Connection</b>	<b>Art.-No.</b>
2 m PTFE cable	2512A
5 m PTFE cable	2512A-5
10 m PTFE cable	2512A-10
15 m PTFE cable	2512A-15
20 m PTFE cable	2512A-20
Application	Non-contact detection of metallic objects in aggressive environments. The PTFE housing withstands heat radiation and is resistant to greases, oils and acids, e.g. in cold rolling operation.

### Technical Data

Rated operating distance ( $S_n$ )	34 mm
Target steel St37, 1 mm thick	102 x 102 mm
Operating distance adjustable	no
Switching hysteresis (H)	1 - 15 %
Location at metal	non flush
Supply voltage ( $U_B$ )	10 - 55 V DC
Ripple voltage	max. 15 %
Output	PNP normally open + normally closed
Continuous current	0 - 400 mA
Short-circuit protection	yes, pulsing
No-load current ( $I_0$ )	< 10 mA
Voltage drop ( $U_d$ )	< 2 V
Operating frequency (f)	100 Hz
Ambient temperature	-25 ... +70 °C
Protection class	IP 68
Housing material	PTFE
Functional display	LED

### Connection



**Dimension (mm)****Accessories** (in scope of supply)

	Type	Art.-No.
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**Accessories** (not in scope of supply)

	Type	Art.-No.
Fastening clamp inside diameter 35 mm, fastening screw 2x M5 x 70	HH 7	9823C
Fastening clamp inside diameter 35 mm, fastening screw 2x M5 x 60	HH 7-60	9823D
Fastening clamp inside diameter 40 mm, fastening screw 2x M5 x 60	HH 10-60	9823E

**Further information**

	Document
Operating manual	BDA IK D E