Baumer
Passion for Sensors

Inductive proximity sensor

IGYX 06P37B3/S35L

Inductive proximity switch

Article number: 11181427

Overview

- 2 mm
- 1,6 mm
- PNP break function (NC)
- connector M8
- -25 … 75 °C
- IP 67



Picture similar

Technical data

General data	
Mounting type	Flush
Nominal sensing distance Sn	2 mm
Assured sensing distance Sa	1.6 mm
Temperature drift	± 10 % of Sr (0 ... +60 °C)
Hysteresis	3 … 20 % of Sr
Output indicator	3 port LED red
Electrical data	
Switching frequency	3 kHz
Voltage supply range +Vs	10 … 30 VDC
Current consumption max. (no load)	15 mA
Output circuit	PNP break function (NC)

Electrical data	
Voltage drop Vd	<2.5 VDC
Output current	200 mA
Short circuit protection	Yes
Reverse polarity protection	Yes
Mechanical data	
Design	Cylindrical smooth
Material (sensing face)	PBT, red
Housing material	Stainless steel
Dimension	6.5 mm
Housing length	36 mm
Connection types	Connector M8
Ambient conditions	
Operating temperature	-25 … +75 °C
Protection class	IP 67

2026-07-24 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

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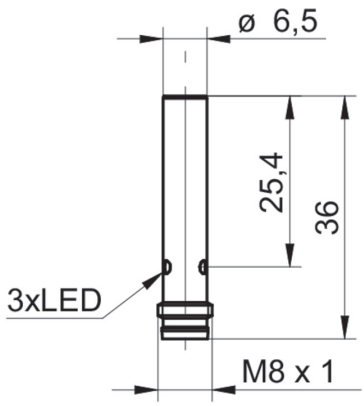
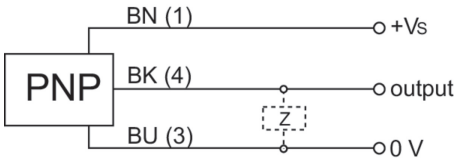
Dimension drawing



Connection diagram



Accessories

Mounting accessories	
10109474	Mounting bracket for sensors Ø 6,5 mm
10117742	Clamping nut for sensors Ø 6,5 mm

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