Baumer
Passion for Sensors

Inductive proximity switch

IFRM 08P17A1/S35L

Inductive proximity switch - miniature

Article number: 10138749

Overview

- 2 mm
- PNP make function (NO)
- connector M8
- -25 … 75 °C
- IP 67



Picture similar

Technical data

General data	
Mounting type	Flush
Nominal sensing distance Sn	2 mm
Hysteresis	3 … 20 % of Sr
Output indicator	3 port LED red
Electrical data	
Switching frequency	< 5 kHz
Voltage supply range +Vs	6 … 36 VDC
Current consumption max. (no load)	12 mA
Output circuit	PNP make function (NO)
Voltage drop Vd	< 2 VDC
Output current	< 200 mA

Electrical data	
Short circuit protection	Yes
Reverse polarity protection	Yes
Mechanical data	
Type	Cylindrical threaded
Material (sensing face)	PBT
Housing material	Stainless steel
Dimension	8 mm
Housing length	46 mm
Connection types	Connector M8
Tightening torque max.	10 Nm (Front: 7 Nm)
Ambient conditions	
Operating temperature	-25 … +75 °C
Protection class	IP 67

Remarks

- Long robust steel housings
- High switching frequency

2021-04-28 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

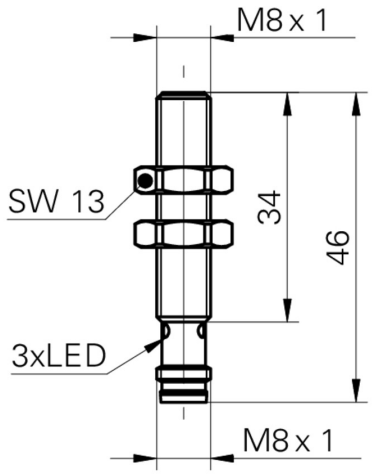
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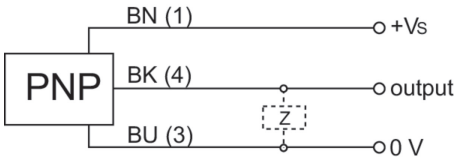
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Dimension drawing



Connection diagram



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