Baumer
Passion for Sensors

Inductive proximity switch

IFRM 12N17X2/L

Inductive proximity switch

Article number: 11096378

Overview

- 4 mm
- NPN make function (NO)
- cable, 2 m
- IP 67



Picture similar

Technical data

General data	
Mounting type	Flush
Nominal sensing distance Sn	4 mm
Hysteresis	3 … 20 % of Sr
Output indicator	LED red
Approvals/certificates	ATEX 3D
Electrical data	
Switching frequency	< 2 kHz
Voltage supply range +Vs	10 … 30 VDC
Current consumption max. (no load)	10 mA
Output circuit	NPN make function (NO)
Voltage drop Vd	< 2 VDC
Output current	< 200 mA
Short circuit protection	Yes

Electrical data	
Reverse polarity protection	Yes
Mechanical data	
Type	Cylindrical threaded
Material (sensing face)	PBT
Housing material	Brass nickel plated
Dimension	12 mm
Housing length	40 mm
Connection types	Cable, 2 m
Tightening torque max.	15 Nm (Front: 10 Nm)
Ambient conditions	
Protection class	IP 67
Safe maximum values	
Marking	II 3D Ex tc IIIC T100°C Dc X
Operating temperature Ta	-25 … +65 °C

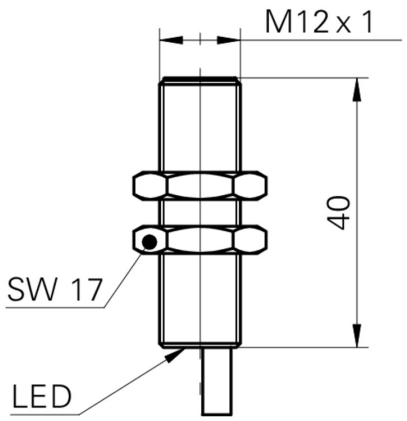
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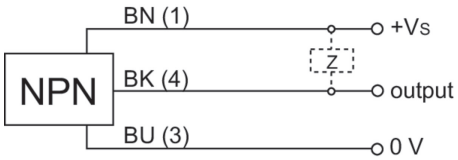
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Dimension drawing



Connection diagram



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