Baumer
Passion for Sensors

Inductive proximity switch

IFRM 03N3713/L

Inductive proximity switch - subminiature extreme

Article number: 11166560

overview

- 1 mm
- NPN break function (NC)
- cable, 2 m
- -10 … 70 °C
- IP 67



Picture similar

Technical data

general data	
mounting type	flush
nominal sensing distance Sn	1 mm
temperature drift	- 5 % / + 10 % (+10 ... +60 °C) - 5 % / + 15 % (-10 ... +70 °C)
hysteresis	2 … 20 % of Sr
output indicator	LED red
electrical data	
switching frequency	< 4 kHz
voltage supply range +Vs	6 … 30 VDC
current consumption max. (no load)	10 mA
output circuit	NPN break function (NC)
voltage drop Vd	< 2 VDC

electrical data	
output current	< 100 mA
short circuit protection	yes
reverse polarity protection	yes
mechanical data	
type	cylindrical smooth
material (sensing face)	POM
housing material	stainless steel
dimension	3 mm
housing length	16 mm
connection types	cable, 2 m
ambient conditions	
operating temperature	-10 … +70 °C
protection class	IP 67

remarks

- fully contained
- cable version: 16 mm housing length
- individual strands: 12 mm housing length

2020-08-24 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

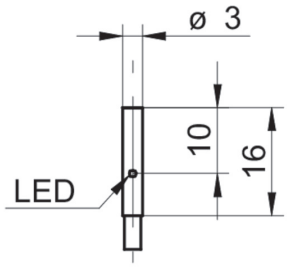
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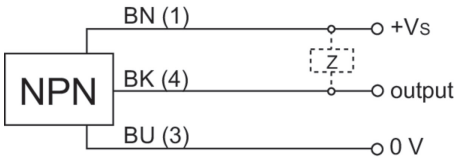
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dimension drawing



connection diagram



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