

Overview

- 1 mm
- NPN make function (NO)
- wires, 0,5 m
- -25 ... 75 °C
- IP 67



Picture similar



Technical data

General data

Mounting type	Flush
Nominal sensing distance S _n	1 mm
Hysteresis	2 ... 20 % of S _r

Electrical data

Switching frequency	5 kHz
Voltage supply range +V _s	6 ... 30 VDC
Current consumption max. (no load)	12 mA
Output circuit	NPN make function (NO)
Voltage drop V _d	< 2 VDC
Output current	< 200 mA
Short circuit protection	Yes

Electrical data

Reverse polarity protection	Yes
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Mechanical data

Type	Cylindrical threaded
Material (sensing face)	LCP
Housing material	Stainless steel
Dimension	5 mm
Housing length	15 mm
Connection types	Wires, 0,5 m
Tightening torque max.	2 Nm (Front: 1,4 Nm)

Ambient conditions

Operating temperature	-25 ... +75 °C
Protection class	IP 67

Remarks

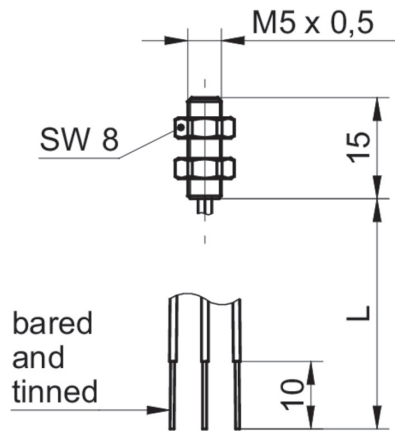
- Fully contained, 3 individual strands
- 15 mm housing length

IFRM 05N15A5/Q

Inductive proximity switch - subminiature

Article number: 10144462

Dimension drawing



Connection diagram

