

overview

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



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 +Vs	10 ... 30 VDC
current consumption max. (no load)	12 mA
output circuit	NPN make function (NO)
voltage drop V _d	< 2 VDC
output current	< 100 mA
short circuit protection	yes

electrical data

reverse polarity protection	yes
-----------------------------	-----

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

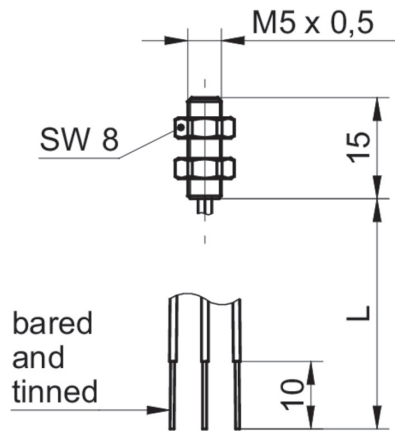
operating temperature	-25 ... +75 °C
protection class	IP 67

remarks

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

IFRM 05N15A5/Q

dimension drawing



connection diagram

