

IFRM 05N15A3/S05L

Inductive proximity switch - subminiature

Article number: 10144454

overview

- 1 mm
- NPN make function (NO)
- connector M5
- -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
output indicator	2 port LED red

electrical data

switching frequency	< 5 kHz
voltage supply range +V _s	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

electrical data

short circuit protection	yes
reverse polarity protection	yes

mechanical data

type	cylindrical threaded
material (sensing face)	LCP
housing material	stainless steel
dimension	5 mm
housing length	24 mm
connection types	connector M5
tightening torque max.	2 Nm (Front: 1,4 Nm)

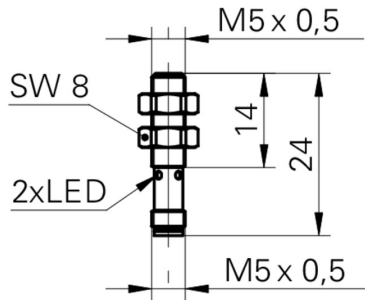
ambient conditions

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

remarks

- shortest connector version M5 x 0,5
- 2 port LED

dimension drawing



connection diagram

