

IFRM 18N1701/S35L

Inductive proximity switch - standard

Article number: 10229664

overview

- 8 mm
- NPN make function (NO)
- connector M8
- -25 ... 75 °C
- IP 67



Technical data

general data

mounting type quasi-flush

nominal sensing distance
S_n 8 mm

hysteresis 3 ... 25 % of S_r

output indicator 4 port LED red

electrical data

switching frequency < 500 Hz

voltage supply range +V_s 10 ... 50 VDC

current consumption max.
(no load) 10 mA

output circuit NPN make function (NO)

voltage drop V_d < 3 VDC

output current < 200 mA

electrical data

short circuit protection yes

reverse polarity protection yes

mechanical data

type cylindrical threaded

material (sensing face) PBT

housing material brass nickel plated

dimension 18 mm

housing length 50 mm

connection types connector M8

tightening torque max. 40 Nm (Front: 28 Nm)

ambient conditions

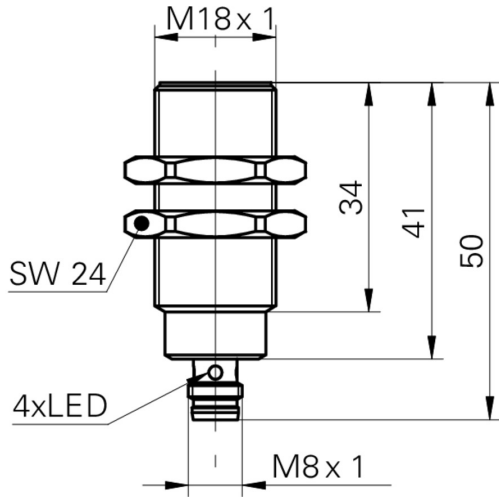
operating temperature -25 ... +75 °C

protection class IP 67

remarks

- Not for flush mounting in mild steel

dimension drawing



connection diagram

