

IFRM 18N1701/S35L

Inductive proximity switch - standard

Article number: 10229664

Overview

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



Picture similar



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	6 ... 36 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)

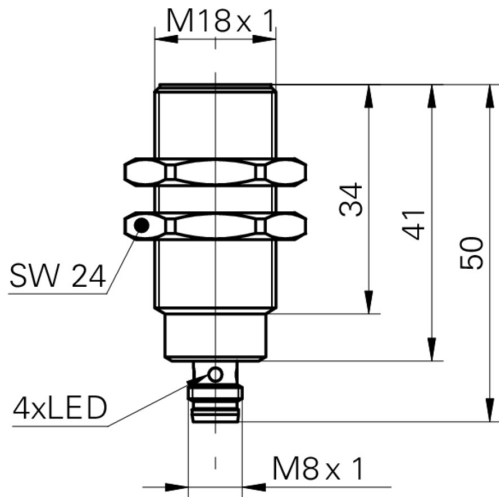
Ambient conditions

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

Remarks

- Not for flush mounting in mild steel

Dimension drawing



Connection diagram

