

IFRM 18P17M1/PL

Inductive proximity switch - outdoor

Article number: 11013677

overview

- 10 mm
- PNP make function (NO)
- cable PUR 3 x 0,25, 2 m
- -40 ... 80 °C
- IP 67



Technical data

general data

mounting type	flush
special type	Outdoor design
nominal sensing distance Sn	10 mm
hysteresis	2 ... 15 % of Sr
output indicator	LED red

electrical data

switching frequency	< 400 Hz
voltage supply range +Vs	12 ... 30 VDC
current consumption max. (no load)	24 mA
output circuit	PNP make function (NO)
voltage drop Vd	< 2 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	cable PUR 3 x 0,25, 2 m
tightening torque max.	40 Nm (Front: 28 Nm)

ambient conditions

operating temperature	-40 ... +80 °C
protection class	IP 67

remarks

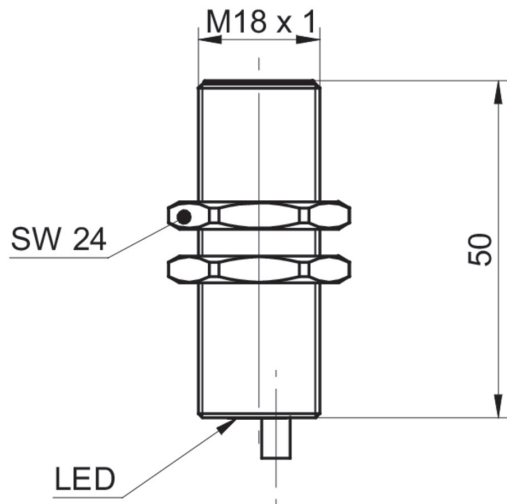
- load resistance: $Z < 100 \text{ k}\Omega$ must be connected

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dimension drawing



connection diagram

