

## IFRM 08P37A4/KS35L

Inductive proximity switch - miniature

Article number: 10160324

### overview

- 2 mm
- PNP break function (NC)
- flylead connector M8
- -25 ... 75 °C
- IP 67



### Technical data

#### general data

mounting type	flush
nominal sensing distance S <sub>n</sub>	2 mm
hysteresis	3 ... 20 % of S <sub>r</sub>
output indicator	LED red

#### electrical data

switching frequency	< 5 kHz
voltage supply range +V <sub>s</sub>	10 ... 30 VDC
current consumption max. (no load)	12 mA
output circuit	PNP break function (NC)
voltage drop V <sub>d</sub>	< 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	stainless steel
dimension	8 mm
housing length	50 mm
connection types	flylead connector M8
tightening torque max.	10 Nm (Front: 7 Nm)

#### ambient conditions

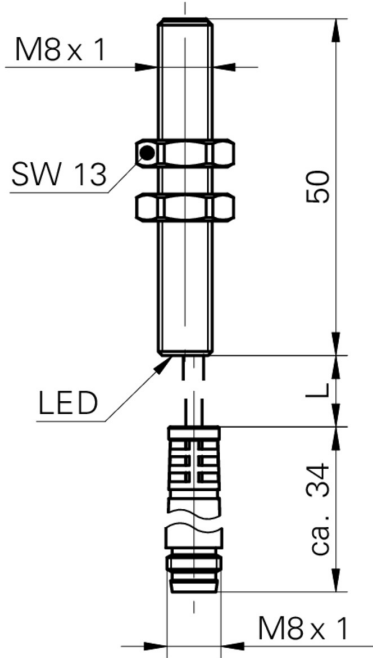
operating temperature	-25 ... +75 °C
protection class	IP 67

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## dimension drawing



## connection diagram

