

## Overview

- 10mm for flush mount in St37
- NPN break function (NC)
- cable PUR 3 x 0,25, 2 m
- -40 ... 80 °C
- IP 67



Picture similar



## Technical data

### General data

|  |                              |
|--|------------------------------|
| Mounting type                              | Flush                        |
| Special type                               | Outdoor design               |
| Nominal sensing distance<br>S <sub>n</sub> | 10 mm                        |
| Hysteresis                                 | 2 ... 15 % of S <sub>r</sub> |
| Output indicator                           | LED red                      |

### Electrical data

|                                       |                         |
|---------------------------------------|-------------------------|
| Switching frequency                   | < 400 Hz                |
| Voltage supply range +V <sub>s</sub>  | 6 ... 36 VDC            |
| Current consumption max.<br>(no load) | 24 mA                   |
| Output circuit                        | NPN 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        | 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

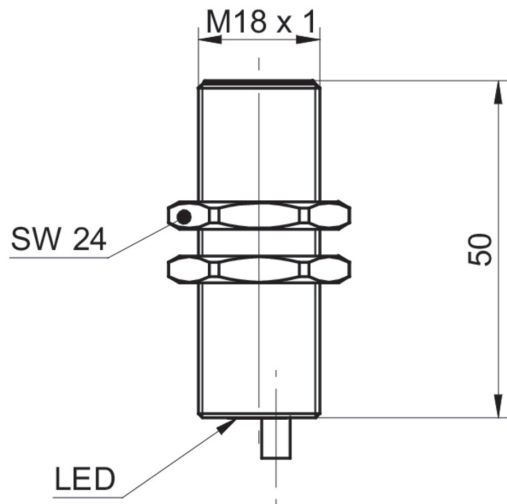
|                       |                |
|-----------------------|----------------|
| Operating temperature | -40 ... +80 °C |
| Protection class      | IP 67          |

## IFRM 18N37M1/PL

Inductive proximity switch - outdoor

Article number: 11013680

### Dimension drawing



### Connection diagram

