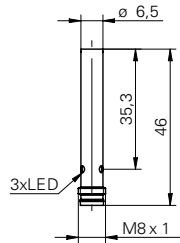


## Inductive sensors special versions

## IFRD 06P37A1/S35L

## dimension drawing



## general data

|                                |                               |
|--------------------------------|-------------------------------|
| mounting type                  | quasi shielded                |
| special type                   | full metal housing (DuroProx) |
| nominal sensing distance $S_n$ | 2 mm                          |
| hysteresis                     | 2 ... 20 % of $S_r$           |
| output indicator               | 3 port LED red                |

## electrical data

|                             |                         |
|-----------------------------|-------------------------|
| switching frequency         | < 150 Hz                |
| voltage supply range +Vs    | 10 ... 30 VDC           |
| current consumption max.    | 20 mA                   |
| output circuit              | PNP break function (NC) |
| voltage drop $V_d$          | < 2 VDC                 |
| output current              | < 200 mA                |
| short circuit protection    | yes                     |
| reverse polarity protection | yes                     |

## mechanical data

|                         |                              |
|-------------------------|------------------------------|
| type                    | cylindrical smooth           |
| material (sensing face) | stainless steel 1.4404 (V4A) |
| housing material        | stainless steel 1.4404 (A4)  |
| pressure static         | < 20 bar                     |
| dimension               | 6 mm                         |
| housing length          | 46 mm                        |
| connection types        | connector M8                 |

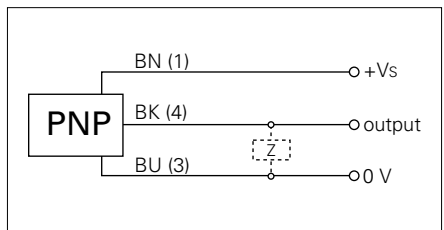
## ambient conditions

|                       |                                |
|-----------------------|--------------------------------|
| operating temperature | -25 ... +75 °C                 |
| protection class      | IP 68/67 (sensing face/sensor) |

## photo



## connection diagram



- Higher noise immunity (EMC), (EN 61000-6-2)