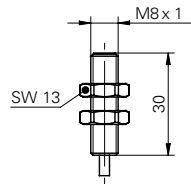


## Inductive sensors special versions

## IFRM 08N1707

## dimension drawing



## general data

|                                |                     |
|--------------------------------|---------------------|
| mounting type                  | shielded            |
| special type                   | high temperature    |
| nominal sensing distance $S_n$ | 2 mm                |
| hysteresis                     | 3 ... 20 % of $S_n$ |

## electrical data

|                             |                        |
|-----------------------------|------------------------|
| switching frequency         | < 5 kHz                |
| voltage supply range $+V_s$ | 12 ... 30 VDC          |
| current consumption max.    | 12 mA                  |
| output circuit              | NPN make function (NO) |
| voltage drop $V_d$          | < 3 VDC                |
| output current              | < 100 mA               |
| short circuit protection    | yes                    |
| reverse polarity protection | yes                    |

## mechanical data

|                  |                      |
|------------------|----------------------|
| type             | cylindrical threaded |
| housing material | stainless steel      |
| dimension        | 8 mm                 |
| housing length   | 30 mm                |
| connection types | cable Teflon, 1 m    |

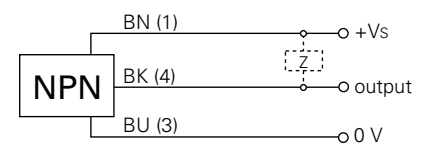
## ambient conditions

|                       |                 |
|-----------------------|-----------------|
| operating temperature | -25 ... +100 °C |
| protection class      | IP 67           |

## photo



## connection diagram



- with integral electronics of up to +100 °C