

## IB08A257

### INDUCTIVE SENSORS • INCREASED SWITCHING DISTANCE

sensor inductive, M8x1 30long, Flush, Sn: 2, 10-30V DC, PNP NO,  
Cable 5m PUR (Polyurethane), IP68, V4A



#### MECHANICAL FEATURES

|  |                        |
|--|------------------------|
| Active area material of sensor           | PBT                    |
| Alignment of cable entry                 | Axial                  |
| Ambient temperature                      | -25 °C ... 70 °C       |
| Cable length                             | 5 m                    |
| Degree of protection (IP)                | IP68                   |
| Design                                   | Cylinder, screw-thread |
| Housing material                         | Stainless steel 1.4404 |
| Material of cable sheath                 | PUR (Polyurethane)     |
| Mechanical mounting condition for sensor | Flush                  |
| Number of cores                          | 3                      |
| Pressure-proof                           | -                      |
| Sensor length                            | 30.5 mm                |
| Thread pitch                             | 1 mm                   |
| Thread size, metric                      | 8                      |

#### ELECTRICAL FEATURES

|  |                       |
|--|-----------------------|
| Cascadable                                     | -                     |
| Rated switching current                        | 200 mA                |
| Suitable for safety functions                  | -                     |
| Supply voltage                                 | 10 V ... 30 V         |
| Switching distance                             | 2 mm                  |
| Type of electrical connection                  | Cable                 |
| Type of switching function                     | Normally open contact |
| Type of switching output                       | PNP                   |
| Voltage type                                   | DC                    |
| With monitoring function of downstream devices | -                     |

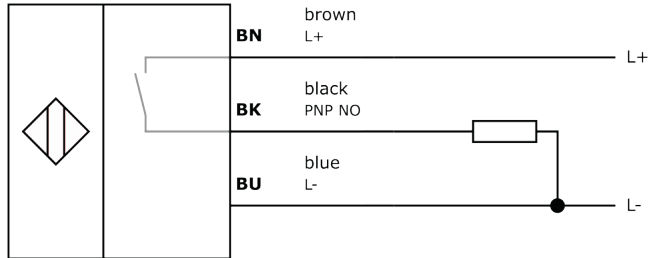
#### Other

|                      |                           |
|----------------------|---------------------------|
| Packaging dimensions | 77.0mm x 25.0mm x 123.0mm |
| Shipping weight      | 0.82kg                    |
| Tariff code          | 85365019                  |

## Classification

|                   |          |
|-------------------|----------|
| ipf product group | 700      |
| eClass 8.0        | 27270101 |
| eClass 9.0        | 27270101 |
| eClass 9.1        | 27270101 |
| ETIM-5.0          | EC002714 |
| ETIM-6.0          | EC002714 |
| ETIM-7.0          | EC002714 |

## Connection



## Dimensional drawing

### Installation



Mounting / installation may only be carried out by a qualified electrician!

### Disposal



### Software

Any software, drivers or IODD files that may be required to operate your device can be downloaded free of charge from our homepage: [www.ipf-electronic.com](http://www.ipf-electronic.com)

### Safety warnings

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information. Never use these devices in applications where the safety of a person depends on their functionality. LED lighting systems can generate intensive UV radiation, which can damage your eyes in case of improper use. The manufacturer cannot be held responsible for damages that result from improper use or connection.