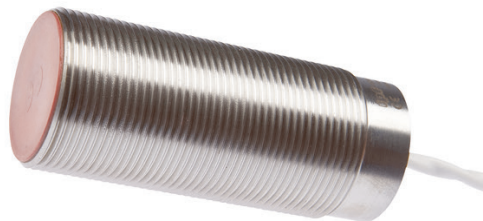


**IB306052**
**INDUCTIVE SENSORS • INCREASED AMBIENT TEMPERATURE**

sensor inductive, M30x1.5 70long, Flush, Sn: 10, 230°C, Other Anschluss an Verstärker, Cable connector M12 10m Polytetrafluorethylene (PTFE), IP50, Stainless steel 1.4305


**MECHANICAL FEATURES**

|  |                               |
|--|-------------------------------|
| Active area material of sensor           | Vectra®                       |
| Alignment of cable entry                 | Axial                         |
| Ambient temperature                      | 0 °C ... 230 °C               |
| Cable infeed                             | Axial                         |
| Cable length                             | 10 m                          |
| Degree of protection (IP)                | IP50                          |
| Design                                   | Cylinder, screw-thread        |
| Housing material                         | Stainless steel 1.4305        |
| Increased ambient temperatures > 80°C    | +                             |
| Material of cable sheath                 | Polytetrafluorethylene (PTFE) |
| Mechanical mounting condition for sensor | Flush                         |
| Pressure-proof                           | -                             |
| Sensor length                            | 70 mm                         |
| Thread length                            | 60 mm                         |
| Thread pitch                             | 1.5 mm                        |
| Thread size, metric                      | 30                            |

**ELECTRICAL FEATURES**

|  |                     |
|--|---------------------|
| Cascadable                                     | -                   |
| Connection to amplifier                        | +                   |
| Hysteresis                                     | 15 %                |
| Norm measuring plate                           | 30x30x1             |
| Suitable for safety functions                  | -                   |
| Switching distance                             | 10 mm               |
| Switching frequency                            | 200 Hz              |
| Type of electrical connection                  | Cable connector M12 |
| Type of switching function                     | Amplifier           |
| Type of switching output                       | Other               |
| With monitoring function of downstream devices | -                   |

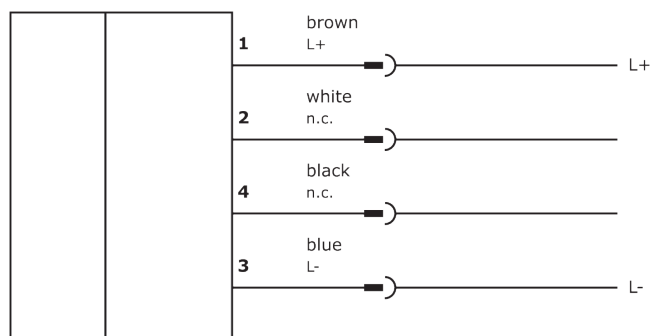
## Other

|                      |                          |
|----------------------|--------------------------|
| Packaging dimensions | 138.0mm x 95.0mm x 210mm |
| Shipping weight      | 0.53kg                   |
| Tariff code          | 85365019                 |

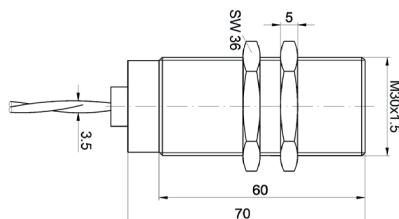
## Classification

|                   |          |
|-------------------|----------|
| ipf product group | 202      |
| 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



## 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.