# IN301100

## INDUCTIVE SENSORS • NORM SWITCHING DISTANCE

sensor inductive, M30x1.5 60long, Non-flush, Sn: 20, 10-30V DC, NPN NO, Cable 2m PUR (Polyurethane), IP67, Brass Nickel-plated



### MECHANICAL FEATURES

| | |
|---|---|
| Active area material of sensor | PA 6.1 |
| Alignment of cable entry | Axial |
| Ambient temperature | -25 °C ... 70 °C |
| Cable infeed | Axial |
| Cable length | 2 m |
| Degree of protection (IP) | IP67 |
| Design | Cylinder, screw-thread |
| Housing coating | Nickel-plated |
| Housing material | Brass |
| Material of cable sheath | PUR (Polyurethane) |
| Mechanical mounting condition for sensor | Non-flush |
| Pressure-proof | - |
| Sensor length | 60 mm |
| Thread pitch | 1.5 mm |
| Thread size, metric | 30 |

### ELECTRICAL FEATURES

| | |
|---|---|
| Cascadable | - |
| Rated switching current | 200 mA |
| Reverse polarity protection | + |
| Short-circuit protection | + |
| Suitable for safety functions | - |
| Supply voltage | 10 V ... 30 V |
| Switching distance | 20 mm |
| Switching frequency | 100 Hz |
| Type of electrical connection | Cable |
| Type of switching function | Normally open contact |
| Type of switching output | NPN |
| Voltage type | DC |
| With monitoring function of downstream devices | - |

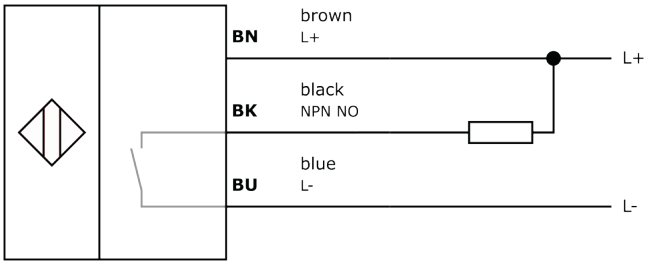
## Other

| | |
|---|---|
| Packaging dimensions | 124.0mm x 35.0mm x 149.0mm |
| Shipping weight | 0.21kg |
| Tariff code | 85365019 |

## Classification

| | |
|---|---|
| ipf product group | 203 |
| 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.


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