

**IB405300**
**INDUCTIVE SENSORS • INCREASED SWITCHING DISTANCE**

sensor inductive, 40x120x40mm, Flush, Sn: 20, Two-wire NC/NO, Clamp, IP67, PA 6.6 (synthetic)


**MECHANICAL FEATURES**

Active area material of sensor	PA 6.6 GF30
Ambient temperature	-25 °C ... 70 °C
Cable infeed	Axial
Degree of protection (IP)	IP67
Design	Cuboid
Housing material	PA 6.6 (synthetic)
Mechanical mounting condition for sensor	Flush
Pressure-proof	-
Sensor height	40 mm
Sensor length	120 mm
Sensor width	40 mm
Wire cross section	1.5 mm <sup>2</sup>

**ELECTRICAL FEATURES**

Cascadable	-
Min. output current	2 mA
Rated switching current	400 mA
Suitable for safety functions	-
Supply voltage	20 V ... 250 V
Switching distance	20 mm
Switching frequency	15 Hz
Type of electrical connection	Clamps
Type of switching function	Normally closed contact/normally open contact
Type of switching output	Two-wire
Voltage drop	5 V
Voltage type	AC/DC
With monitoring function of downstream devices	-

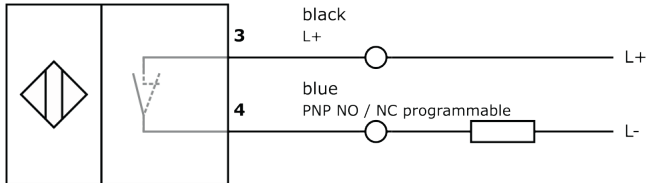
**Other**

Packaging dimensions	76.0mm x 50mm x 121.0mm
Shipping weight	0.21kg
Tariff code	85365080

## Classification

ipf product group	215
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.