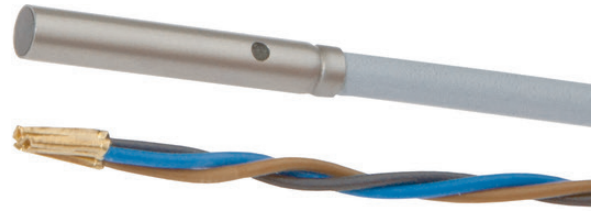


## IBR40106

### INDUCTIVE SENSORS • INCREASED SWITCHING DISTANCE

sensor inductive, Ø4mm 25long, Flush, Sn: 1.5, 10-30V DC, PNP NO, IO-Link, Cable 5m PUR (Polyurethane), IP67, V4A



#### MECHANICAL FEATURES

Active area material of sensor	PA 6.6 (synthetic)
Alignment of cable entry	Axial
Ambient temperature	-25 °C ... 70 °C
Cable infeed	Axial
Cable length	5 m
Degree of protection (IP)	IP67
Design	Cylinder plain
Housing material	Stainless steel 1.4401
Material of cable sheath	PUR (Polyurethane)
Mechanical mounting condition for sensor	Flush
Pressure-proof	-
Sensor diameter	4 mm
Sensor length	25 mm

#### ELECTRICAL FEATURES

Cascadable	-
Correction factor (aluminum)	0.4
Correction factor (brass)	0.5
Correction factor (copper)	0.4
Correction factor (St37)	1
Correction factor (stainl. steel)	0.75
Hysteresis	10 %
IO-Link compatible	+
No-load current	10 mA
Norm measuring plate	4.5x4.5x1
Rated switching current	200 mA
Relative repeat accuracy	2 %
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 30 V
Switching distance	1.5 mm
Switching frequency	3000 Hz

## ELECTRICAL FEATURES

Type of electrical connection	Cable
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage drop	2 V
Voltage type	DC
With LED display	+
With monitoring function of downstream devices	-

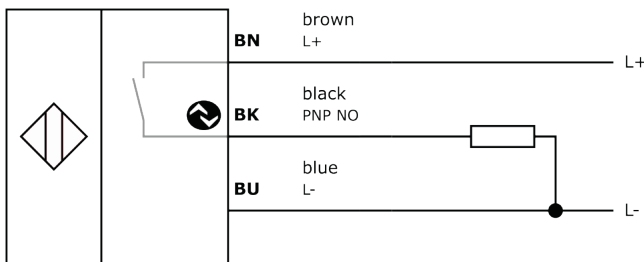
## Other

Packaging dimensions	77.0mm x 25.0mm x 123.0mm
Shipping weight	0.08kg
Tariff code	85365019

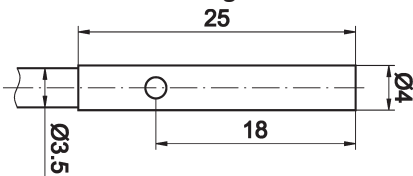
## Classification

ipf product group	201
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.

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[IFRM06P1703/S35L](#) [IFRM08P1501/S35L](#) [IFRM12N17G3/L](#) [IFRM12P17G3/L](#) [IFRM12P3502/L](#) [IFRM12P37G1/S14L](#) [ILFK12E9189/I02](#)  
[ILFK12E9193/I02](#) [IMM2582C](#) [OISN-013](#) [25.161.3253.0](#) [25.332.0653.1](#) [25.352.0653.0](#) [25.352.0753.0](#) [25.523.3253.0](#)