

## IB090150

### INDUCTIVE SENSORS • INCREASED AMBIENT TEMPERATURE

sensor inductive, 55x8x8mm, Flush, Sn: 2, 10-30V DC, 140°C, PNP  
NO, Cable 2m Silicone, IP65, Stainless steel 1.4305



#### MECHANICAL FEATURES

Active area material of sensor	Vectra®
Ambient temperature	0 °C ... 140 °C
Cable length	2 m
Degree of protection (IP)	IP65
Design	Cuboid
Housing material	Stainless steel 1.4305
Increased ambient temperatures > 80°C	+
Material of cable sheath	Silicone
Mechanical mounting condition for sensor	Flush
Pressure-proof	-
Sensor height	55 mm
Sensor length	8 mm
Sensor width	8 mm
Wire cross section	0.14 mm <sup>2</sup>

#### ELECTRICAL FEATURES

Cascadable	-
Hysteresis	15 %
No-load current	15 mA
Rated switching current	50 mA
Readiness delay	60 ms
Relative repeat accuracy	3 %
Residual ripple	10 %
Response time	1 ms
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 30 V
Switching distance	2 mm
Switching frequency	500 Hz
Type of electrical connection	Cable
Type of switching function	Normally open contact
Type of switching output	PNP

## ELECTRICAL FEATURES

Voltage drop	2 V
Voltage type	DC
With monitoring function of downstream devices	-

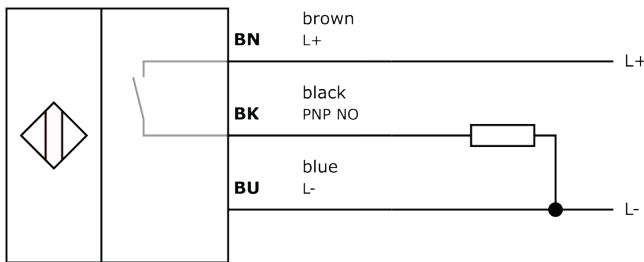
## Other

Packaging dimensions	77.0mm x 25.0mm x 123.0mm
Shipping weight	0.09kg
Tariff code	85365019

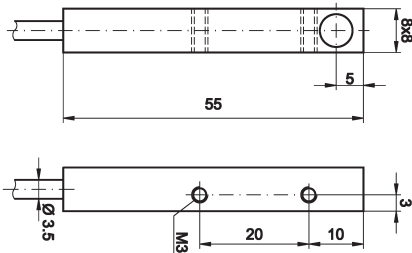
## Classification

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



## 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.