IPF ELECTRONIC

Data sheet IB08C960 • Subject to alteration! Version: 08.06.2020

IB08C960
INDUCTIVE SENSORS • INCREASED AMBIENT TEMPERATURE

sensor inductive, M8x1 60long, Flush, Sn: 2, 10-35V DC, 140°C, PNP
NO, Cable connector M8 1m Silicone, IP65, Stainless steel 1.4305

MECHANICAL FEATURES

Active area material of sensor	Vectra®
Alignment of cable entry	Axial
Ambient temperature	0 °C ... 140 °C
Cable length	1 m
Degree of protection (IP)	IP65
Design	Cylinder, screw-thread
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 length	60 mm
Thread pitch	1 mm
Thread size, metric	8

ELECTRICAL FEATURES

|	
Cascadable	-
Rated switching current	80 mA
Suitable for safety functions	-
Supply voltage	10 V ... 35 V
Switching distance	2 mm
Switching frequency	800 Hz
Type of electrical connection	Cable connector M8
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage type	DC
With monitoring function of downstream devices	-

Other

Packaging dimensions	0.0mm x 0.0mm x 0.0mm
Shipping weight	0.05kg
Tariff code	85365019

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Classification

ipf product group	700
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

```
        brown
     1  L+                        L+
        black
     4  PNP NO
        blue
     3  L-                        L-
```
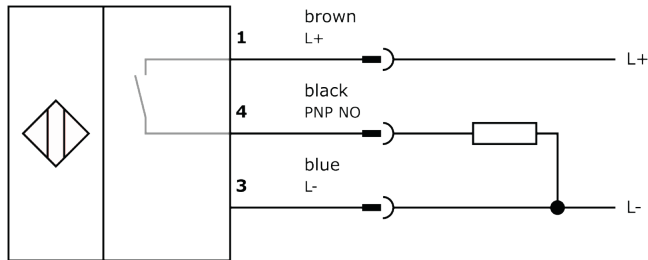
Dimensional drawing

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

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.