

## IN800150 INDUCTIVE SENSORS • INCREASED AMBIENT TEMPERATURE

sensor inductive, M80x1.5 66long, Non-flush, Sn: 50, 10-35V DC, 160°C, PNP NO, Cable 2m Silicone, IP65, Stainless steel 1.4305



### MECHANICAL FEATURES

	IV000197
Active area material of sensor	PTFE
Ambient temperature	0 °C ... 160 °C
Cable length	2 m
Degree of protection (IP)	IP65
Housing 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	Non-flush
Pressure-proof	-
Sensor length	66 mm
Thread length	40 mm
Thread pitch	1.5 mm
Thread size, metric	80

### ELECTRICAL FEATURES

Cascadable	-
Hysteresis	15 %
No-load current	15 mA
Norm measuring plate	80x80x1
Rated switching current	150 mA
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 35 V
Switching distance	50 mm
Switching frequency	100 Hz
Type of electrical connection	Cable
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage drop	2 V
Voltage type	DC

## ELECTRICAL FEATURES

With monitoring function of downstream devices

-

## OTHER FEATURES

Areas inquiry

+

### Other

Packaging dimensions

138.0mm x 95.0mm x 210mm

Shipping weight

0.92kg

Tariff code

85365019

## Classification

ipf product group

202

eClass 8.0

27270101

eClass 9.0

27270101

eClass 9.1

27270101

ETIM-5.0

EC002714

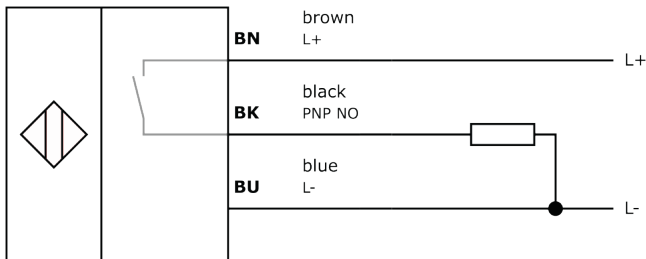
ETIM-6.0

EC002714

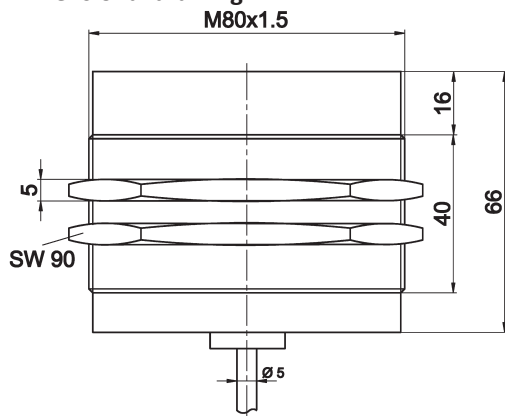
ETIM-7.0

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.