

## IB08C609

### INDUCTIVE SENSORS • INCREASED SWITCHING DISTANCE

sensor inductive, M8x1 45long, Quasi-flat, Sn: 3, 10-30V DC, PNP  
NO, Connector M8, IP67, Stainless steel 1.4305



#### MECHANICAL FEATURES

Active area material of sensor	PA 6.6 (synthetic)
Alignment of cable entry	Axial
Ambient temperature	0 °C ... 70 °C
Degree of protection (IP)	IP67
Design	Cylinder, screw-thread
Housing material	Stainless steel 1.4305
Mechanical mounting condition for sensor	Quasi-flat
Pressure-proof	-
Sensor length	45 mm
Thread length	31 mm
Thread pitch	1 mm
Thread size, metric	8

#### ELECTRICAL FEATURES

Cascadable	-
Hysteresis	15 %
No-load current	13 mA
Norm measuring plate	8x8x1
Operating voltage	10 V ... 30 V
Rated switching current	200 mA
Readiness delay	300 ms
Relative repeat accuracy	10 %
Residual ripple	10 %
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 30 V
Switching distance	3 mm
Switching frequency	1000 Hz
Type of electrical connection	Connector M8
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage drop	2.4 V

## ELECTRICAL FEATURES

Voltage type	DC
With monitoring function of downstream devices	-

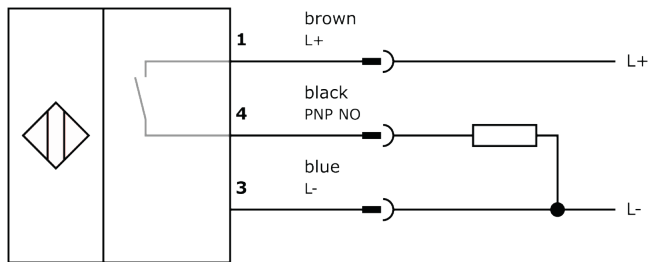
### Other

Packaging dimensions	100mm x 17.0mm x 120mm
Shipping weight	0.02kg
Tariff code	85365019

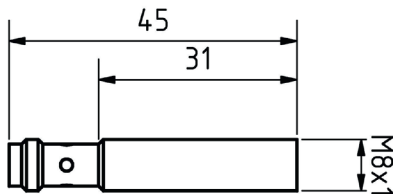
### Classification

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



## 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.