IPF ELECTRONIC

IB08A846
INDUCTIVE SENSORS • INCREASED SWITCHING DISTANCE

sensor inductive, M8x1 40long, Flush, Sn: 2, 10-30V DC, PNP NO, Cable connector M12 0.2m PUR (Polyurethane), IP67, Stainless steel 1.4305

MECHANICAL FEATURES

Active area material of sensor	PBT
Alignment of cable entry	Axial
Ambient temperature	-25 °C ... 70 °C
Cable length	0.2 m
Degree of protection (IP)	IP67
Design	Cylinder, screw-thread
Housing material	Stainless steel 1.4305
Material of cable sheath	PUR (Polyurethane)
Mechanical mounting condition for sensor	Flush
Number of cores	3
Pressure-proof	-
Sensor length	40 mm
Thread pitch	1 mm
Thread size, metric	8
Wire cross section	0.14 mm²

ELECTRICAL FEATURES

|	
Cascadable	-
Rated switching current	200 mA
Suitable for safety functions	-
Supply voltage	10 V ... 30 V
Switching distance	2 mm
Type of electrical connection	Cable connector M12
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage type	DC
With monitoring function of downstream devices	-

Other

Packaging dimensions	77.0mm x 25.0mm x 123.0mm
Shipping weight	0.04kg
Tariff code	85365019

IPF ELECTRONIC

Data sheet IB08A846 • Subject to alteration! Version: 08.06.2020

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

Pin	Colour	Function
1	brown	L+
2	white	n.c.
4	black	PNP NO
3	blue	L-
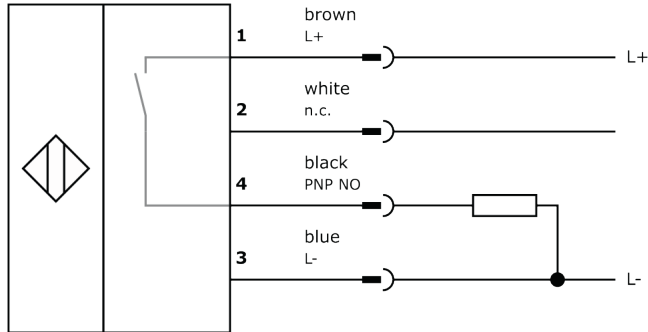
Dimensional drawing

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.