IPF ELECTRONIC

Data sheet IB08C274 • Subject to alteration! Version: 03.12.2020

IB08C274
INDUCTIVE SENSORS • NORM SWITCHING DISTANCE

sensor inductive, M8x1 30long, Flush, Sn: 1.5, 10-30V DC, PNP NO, Cable connector M8 0.3m PUR (Polyurethane), IP67, Brass Nickel-plated

MECHANICAL FEATURES

Active area material of sensor	PBT
Alignment of cable entry	Axial
Ambient temperature	-20 °C ... 70 °C
Cable infeed	Axial
Cable length	0.3 m
Degree of protection (IP)	IP67
Design	Cylinder, screw-thread
Housing coating	Nickel-plated
Housing material	Brass
Material of cable sheath	PUR (Polyurethane)
Mechanical mounting condition for sensor	Flush
Pressure-proof	-
Sensor length	30 mm
Thread length	30 mm
Thread pitch	1 mm
Thread size, metric	8

ELECTRICAL FEATURES

Cascadable	-
No-load current	10 mA
Norm measuring plate	8x8x1
Rated switching current	200 mA
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 30 V
Switching distance	1.5 mm
Switching frequency	1000 Hz
Type of electrical connection	Cable connector M8
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage drop	1.5 V
Voltage type	DC

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ELECTRICAL FEATURES

With LED display	+
With monitoring function of downstream devices	-

Other

Packaging dimensions	100mm x 8.0mm x 120mm
Shipping weight	0.03kg
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
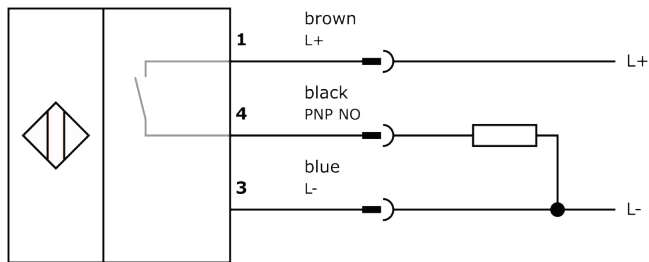
Dimensional drawing
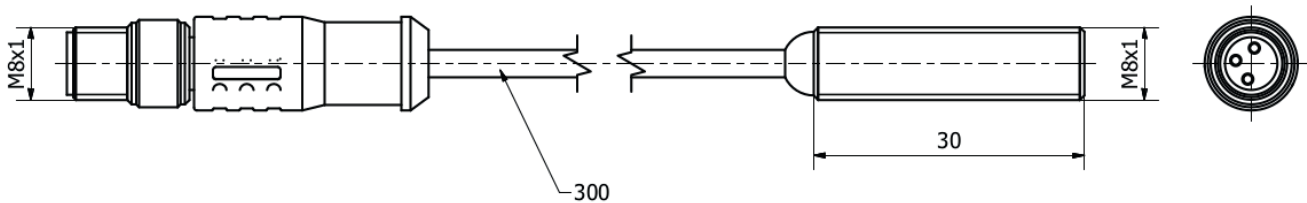
Installation

Mounting / installation may only be carried out by a qualified electrician!

Disposal

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.

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