

### IB121221 INDUCTIVE SENSORS • NORM SWITCHING DISTANCE

sensor inductive, M12x1 60long, Flush, Sn: 3, 10-30V DC, NPN NC, Connector M12 3pin, IP67, Brass Nickel-plated



# **MECHANICAL FEATURES**

Active area material of sensorPBTAlignment of cable entryAxialAmbient temperature-25 °C 70 °CCable infeedAxialDegree of protection (IP)IP67DesignCylinder, screw-threadHousing coatingNickel-platedHousing materialBrassMechanical mounting condition for sensorFlushPressure-proof-Sensor length60 mmThread length40 mmThread length1 mmThread size, metric12ELECTRICAL FEATURES2Correction factor (aluminum)0.3Correction factor (brass)0.4Correction factor (stain). steel)0.7Norme ensuring plate15 %Norme for ins15 %Norme for ins3Relative repeat accuracy10 %Number of pins200 mARelative repeat accuracy10 %Statel for safety functions10 %Suitable for safety functions4Suitable for safety functions10 %Suitable		
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Short-circuit protection+Suitable for safety functions-Supply voltage10 V 30 V		10 %
Suitable for safety functions-Supply voltage10 V 30 V	Reverse polarity protection	+
Supply voltage 10 V 30 V	Short-circuit protection	+
	Suitable for safety functions	-
Switching distance 3 mm	Supply voltage	10 V 30 V
	Switching distance	3 mm

# **IPF** ELECTRONIC

#### **ELECTRICAL FEATURES**

Switching frequency	800 Hz
Type of electrical connection	Connector M12
Type of switching function	Normally closed contact
Type of switching output	NPN
Voltage drop	2 V
Voltage type	DC
With LED display	+
With monitoring function of downstream devices	-

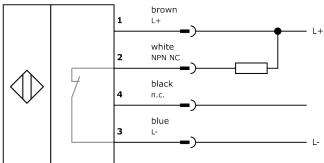
#### Other

Packaging dimensions	100mm x 0.0mm x 120mm
Shipping weight	0.02kg
Tariff code	85365019

### Classification

ipf product group	203
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.