

## IB060276 INDUCTIVE SENSORS • INCREASED SWITCHING DISTANCE

sensor inductive, Ø6,5mm 60long, Quasi-flat, Sn: 3, 10-30V DC, PNP NC, Connector M8 3pin, IP67, Brass Chrome-plated



# **MECHANICAL FEATURES**

Active area material of sensorPBTAlignment of cable entryAxialAmbient temperatureAxialCable infeedAxialDegree of protection (IP)IP67DesignChrome-platedHousing coatingChrome-platedHousing materialBrassMechanical mounting condition for sensorQuasi-flatPressure-proof-Sensor diameter6.5 mmSensor length60 mmELECTRICAL FEATURES0.35Correction factor (luminum)0.2Correction factor (brass)0.35Correction factor (brass)0.35Correction factor (brass)0.67Mysteresis10 mANord of plan9.99x1Nord of plan9.99x1Number of pins3Rated switching current9.99x1Number of pins5 %Reverse polarity protection4Sutable for safety functions5 %Sutable for safety functions9.00 mASutable for safety functions10 mASutable for safety		
Ambient temperature-25 °C 70 °CCable infreedAxialDegree of protection (IP)IP67DesignCylinder plainHousing coatingChrome-platedHousing coatingQuasi-flatMechanical mounting condition for sensorQuasi-flatPressure-proof-Sensor laimeter60 rmSensor laimeter60 rmCorrection factor (aluminum)0.2Correction factor (aluminum)0.35Correction factor (poper)0.18Correction factor (stain). steel)0.67Hystersis10 %ANorm measuring plate9x9x1Nume of pins3Rated switching current5 %Relative repeat accuracy5 %Reverse polarity protection-Surled for safety functions-Surled for safety functions-Surled for safety functions-Surled for safety functions3Reverse polarity protection+Surled for safety functions-Surled for safety functions<	Active area material of sensor	PBT
Cable infeedAxialDegree of protection (IP)IP67DesignCylinder plainHousing coatingChrome-platedHousing materialBrassMechanical mounting condition for sensorQuasi-flatPressure-proof-Sensor diameter6.5 mmSensor length60 mmELECTRICAL FEATURES-Correction factor (aluminum)0.2Correction factor (forss)0.35Correction factor (star)1Correction factor (star)1Correction factor (star)0.67Hysteresis10 %ANorm measuring plate9x9x1Number of pins3Rated switching current200 mARelative repeat accuracy5 %Relative repeat accuracy10 V30 VSuitable for safety functions10 V30 VSuitable for safety functions10 V30 VSwitching frequency100 Hz	Alignment of cable entry	Axial
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Short-circuit protection+Suitable for safety functions-Supply voltage10 V 30 VSwitching distance3 mmSwitching frequency1000 Hz		
Suitable for safety functions-Supply voltage10 V 30 VSwitching distance3 mmSwitching frequency1000 Hz		
Supply voltage10 V 30 VSwitching distance3 mmSwitching frequency1000 Hz		+
Switching distance3 mmSwitching frequency1000 Hz		-
Switching frequency 1000 Hz		
Type of electrical connection Connector M8		
	Type of electrical connection	Connector M8



#### **ELECTRICAL FEATURES**

Type of switching function	Normally closed contact
Type of switching output	PNP
Voltage drop	2 V
Voltage type	DC
With LED display	+
With monitoring function of downstream devices	-

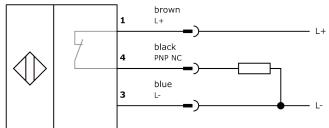
#### Other

Packaging dimensions	100mm x 17.0mm x 120mm
Shipping weight	0.01kg
Tariff code	85365019

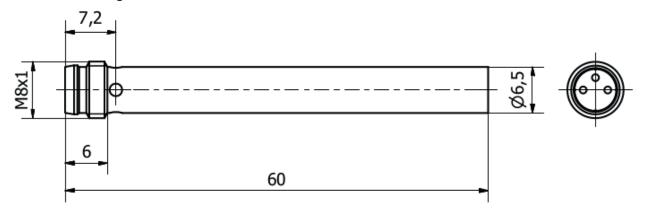
### Classification

ipf product group	201
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!





#### 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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