

IB0801A4 INDUCTIVE SENSORS • NORM SWITCHING DISTANCE

sensor inductive, M8x1 16long, Flush, Sn: 1.5, 10-30V DC, PNP NO, Cable 2m PUR (Polyurethane), IP67, Stainless steel 1.4305



MECHANICAL FEATURES

Active area material of sensorPBTAlignment of cable entryAxialAmbient temperature-25 °C 70 °CCable length2 mDegree of protection (IP)IP67DesignCylinder, screw-threadHousing materialStainless steel 1.4305Material of cable sheathPUR (Polyurethane)Mechanical mounting condition for sensorFlushNumber of cores3Pressure-proof-Sensor length16 mmThread length16 mmThread size, metric8ELECTRICAL FEATURESCascadable-Correction factor (stan)0.3Correction factor (stan)0.3Correction factor (stan).0.3Correction factor (stan).15 mANorm measuring plate8x841Reted surficing urrent200 mAReted surficing urrent200 mAReter spolarity protection+Short-circuit protection+Short-circuit protection5.Suitable for safety functions-Suitable for safety functions200 mASuitable for safety functions+Short-circuit protection+Starter spolarity protection+Short-circuit protection-Suitable for safety functions-Suitable for safety functions<		
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Thread size, metric8ELECTRICAL FEATURESCascadable-Correction factor (aluminum)0.3Correction factor (brass)0.4Correction factor (copper)0.2Correction factor (St37)1Correction factor (stainl. steel)0.7Hysteresis15 %No-load current15 mANorm measuring plate8x8x1Rated switching current200 mARelative repeat accuracy10 %Reverse polarity protection+Suitable for safety functions-Suitable for safety functions-Supply voltage10 V 30 V	Thread length	16 mm
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Reverse polarity protection+Short-circuit protection+Suitable for safety functions-Supply voltage10 V 30 V	-	
Short-circuit protection+Suitable for safety functions-Supply voltage10 V 30 V		
Suitable for safety functions - Supply voltage 10 V 30 V	· · ·	
Supply voltage 10 V 30 V		+
		-
Switching distance 1.5 mm		
	Switching distance	1.5 mm

IPF ELECTRONIC

ELECTRICAL FEATURES

Switching frequency	1000 Hz
Type of electrical connection	Cable
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage drop	2 V
Voltage type	DC
With LED display	+
With monitoring function of downstream devices	

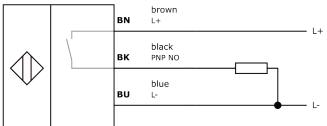
Other

Packaging dimensions	100mm x 17.0mm x 120mm
Shipping weight	0.04kg
Tariff code	85365019

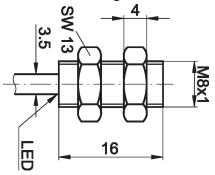
Classification

ipf product group	200
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!



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.