

IB30A800 INDUCTIVE SENSORS • INCREASED AMBIENT TEMPERATURE

sensor inductive, M30x1.5 28long, Flush, Sn: 8, 10-35V DC, 140°C, PNP NO, Cable connector M12 4m PTFE with stainl. steel mesh, IP65, Stainless steel 1.4305



MECHANICAL FEATURES

Active area material of sensorVectra*Alignment of cable entryAxialAmbient temperatureCo:		
Ambient temperature0 °C 140 °CCable infreedAxialCable infreedAxialCable length4 mDegree of protection (IP)IP65DesignCylinder, screw-threadHousing materialStainless steel 1.4305Increased ambient temperatures > 80°C+Material of cable sheathPTFE with stainl. steel meshMechanical mounting condition for sensorFlushPressure-proof-Sensor length15 mmThread length1.5 mmThread size, metric30Sensor length15 %No-load current15 %ANo-load current15 mANord measuring plate30x30x1Reverse polarity protection+Short-circuit protection+Short-circuit protection+Short-circuit protection-Suitable for safety functions-Suitable for safety functions-Switching distance8 mmSwitching frequency200 HzSyntching functionCable connector M12Type of switching functionNormally open contact	Active area material of sensor	Vectra®
Cable infeedAxialCable length4 mDegree of protection (IP)IP65DesignCylinder, screw-threadHousing materialStainless steel 1.4305Increased ambient temperatures > 80°C4Material of cable sheathPTFE with stainl. steel meshMechanical mounting condition for sensorFlushPressure-proof-Sensor length27.6 mmThread length18 mmThread pitch1.5 mmThread size, metric30 ELECTRICAL FEATURES 15 %No-load current15 mANorm measuring plate3030x1Rated switching current15 omASond-lick protection+Suitable for safety functions-Suitable for safety functions-Suitable for safety functions200 HzSwitching frequency200 HzSwitching functionA BrumSwitching functionPNP	Alignment of cable entry	Axial
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Type of electrical connectionCable connector M12Type of switching functionNormally open contactType of switching outputPNP	-	
Type of switching functionNormally open contactType of switching outputPNP		
Type of switching output PNP		
	voltage urop	2 V

IPF ELECTRONIC

ELECTRICAL FEATURES

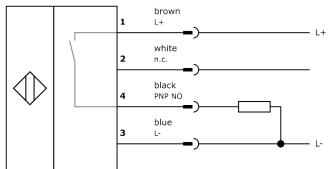
Voltage type	DC
With monitoring function of downstream devices	-
Other	

other	
Packaging dimensions	200mm x 43.0mm x 325.0mm
Shipping weight	0.21kg
Tariff code	85365019

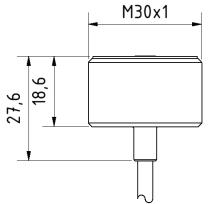
Classification

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!



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.