IB991153

INDUCTIVE SENSORS • INCREASED AMBIENT TEMPERATURE

sensor inductive, M8x1 56long, Flush, Sn: 2, 10-30V DC, 120°C, PNP NO, Cable connector M8 3pin 0.3m Polytetrafluorethylene (PTFE), IP67, Stainless steel

MECHANICAL FEATURES

Active area material of sensor	PBT
Alignment of cable entry	Axial
Ambient temperature	-25 °C ... 120 °C
Cable infeed	Axial
Cable length	0.3 m
Degree of protection (IP)	IP67
Design	Cylinder, screw-thread
Housing material	Stainless steel
Increased ambient temperatures > 80°C	+
Material of cable sheath	Polytetrafluorethylene (PTFE)
Mechanical mounting condition for sensor	Flush
Pressure-proof	-
Sensor length	55.5 mm
Thread length	55.5 mm
Thread pitch	1 mm
Thread size, metric	8

ELECTRICAL FEATURES

Cascadable	-
Hysteresis	15 %
No-load current	20 mA
Norm measuring plate	8x8x1
Number of pins	3
Rated switching current	200 mA
Relative repeat accuracy	5 %
Residual ripple	10 %
Reverse polarity protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 30 V
Switching distance	2 mm
Type of electrical connection	Cable connector M8
Type of switching function	Normally open contact
Type of switching output	PNP

ELECTRICAL FEATURES

Voltage drop	1.5 V
Voltage type	DC
With monitoring function of downstream devices	-

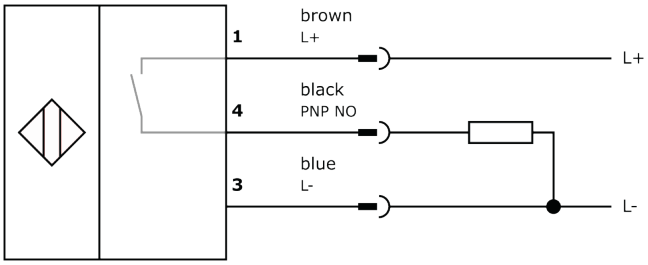
Other

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

Classification

ipf product group	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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