IN990986

INDUCTIVE SENSORS • NORM SWITCHING DISTANCE

sensor inductive, M8x1 48long, Non-flush, Sn: 2.5, 10-30V DC, PNP NO, Connector M8, IP67, Stainless steel 1.4305 Nickel-plated



MECHANICAL FEATURES

Active area material of sensor	PA 6.6 (synthetic)
Alignment of cable entry	Axial
Ambient temperature	-25 °C ... 70 °C
Cable infeed	Axial
Degree of protection (IP)	IP67
Design	Cylinder, screw-thread
Housing coating	Nickel-plated
Housing material	Stainless steel 1.4305
Mechanical mounting condition for sensor	Non-flush
Pressure-proof	-
Sensor length	48 mm
Thread length	36 mm
Thread pitch	1 mm
Thread size, metric	8

ELECTRICAL FEATURES

Cascadable	-
Hysteresis	15 %
No-load current	10 mA
Norm measuring plate	8x8x1
Rated switching current	200 mA
Relative repeat accuracy	5 %
Residual ripple	10 %
Suitable for safety functions	-
Supply voltage	10 V ... 30 V
Switching distance	2.5 mm
Switching frequency	2000 Hz
Type of electrical connection	Connector M8
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage drop	1.5 V
Voltage type	DC
With monitoring function of downstream devices	-

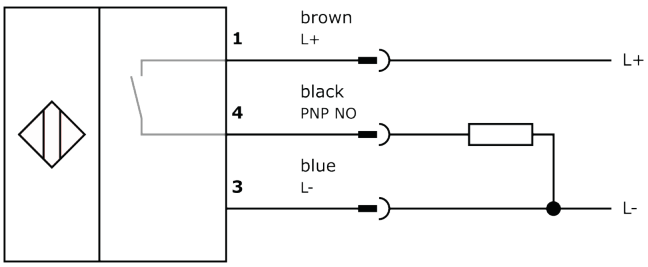
Other

Packaging dimensions	75.0mm x 17.0mm x 95.0mm
Shipping weight	
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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