IN12A204

INDUCTIVE SENSORS • NORM SWITCHING DISTANCE

sensor inductive, M12x1 35long, Non-flush, Sn: 6, 10-30V DC, PNP NO, Cable 5m PVC, IP67, Brass 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
Cable length	5 m
Degree of protection (IP)	IP67
Design	Cylinder, screw-thread
Housing coating	Nickel-plated
Housing material	Brass
Material of cable sheath	PVC
Mechanical mounting condition for sensor	Non-flush
Number of cores	3
Pressure-proof	-
Sensor length	35 mm
Thread length	25 mm
Thread pitch	1 mm
Thread size, metric	12
Wire cross section	0.34 mm²

ELECTRICAL FEATURES

Cascadable	-
Correction factor (aluminum)	0.3
Correction factor (brass)	0.4
Correction factor (copper)	0.2
Correction factor (St37)	1
Correction factor (stainl. steel)	0.7
Hysteresis	15 %
No-load current	13 mA
Rated switching current	200 mA
Readiness delay	50 ms
Relative repeat accuracy	5 %
Residual ripple	10 %
Short-circuit protection	+

ELECTRICAL FEATURES

Suitable for safety functions	-
Supply voltage	10 V ... 30 V
Switching distance	6 mm
Switching frequency	1000 Hz
Type of electrical connection	Cable
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage drop	2.4 V
Voltage type	DC
With LED display	+
With monitoring function of downstream devices	-

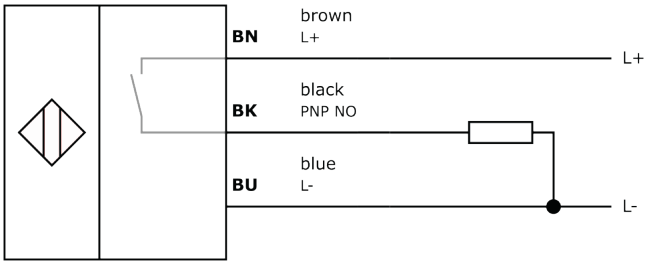
Other

Packaging dimensions	124.0mm x 28.0mm x 149.0mm
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!

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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