

IN301100

INDUCTIVE SENSORS • NORM SWITCHING DISTANCE

sensor inductive, M30x1.5 60long, Non-flush, Sn: 20, 10-30V DC, NPN NO, Cable 2m PUR (Polyurethane), IP67, Brass Nickel-plated



MECHANICAL FEATURES

Active area material of sensor	PA 6.1
Alignment of cable entry	Axial
Ambient temperature	-25 °C ... 70 °C
Cable infeed	Axial
Cable length	2 m
Degree of protection (IP)	IP67
Design	Cylinder, screw-thread
Housing coating	Nickel-plated
Housing material	Brass
Material of cable sheath	PUR (Polyurethane)
Mechanical mounting condition for sensor	Non-flush
Pressure-proof	-
Sensor length	60 mm
Thread pitch	1.5 mm
Thread size, metric	30

ELECTRICAL FEATURES

Cascadable	-
Rated switching current	200 mA
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 30 V
Switching distance	20 mm
Switching frequency	100 Hz
Type of electrical connection	Cable
Type of switching function	Normally open contact
Type of switching output	NPN
Voltage type	DC
With monitoring function of downstream devices	-

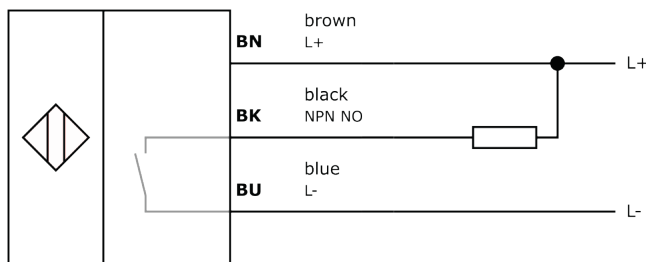
Other

Packaging dimensions	124.0mm x 35.0mm x 149.0mm
Shipping weight	0.21kg
Tariff code	85365019

Classification

ipf product group	203
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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