IN12E209

INDUCTIVE SENSORS • INCREASED AMBIENT TEMPERATURE

sensor inductive, M12x1 60long, Non-flush, Sn: 4, 10-35V DC, 0-150°C, PNP NO, Cable 5m Polytetrafluorethylene (PTFE), IP50, Stainless steel 1.4305, ATEX

MECHANICAL FEATURES

Active area material of sensor	Vectra®
Alignment of cable entry	Axial
Ambient temperature	0 °C ... 150 °C
Cable infeed	Axial
Cable length	5 m
Degree of protection (IP)	IP50
Design	Cylinder, screw-thread
Housing material	Stainless steel 1.4305
Material of cable sheath	Polytetrafluorethylene (PTFE)
Mechanical mounting condition for sensor	Non-flush
Pressure-proof	-
Sensor length	60 mm
Thread length	48 mm
Thread pitch	1 mm
Thread size, metric	12

ELECTRICAL FEATURES

Cascadable	-
Hysteresis	15 %
No-load current	15 mA
Norm measuring plate	12x12x1
Operating voltage	10 V ... 35 V
Rated switching current	120 mA
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Switching distance	4 mm
Switching frequency	500 Hz
Type of electrical connection	Cable
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage drop	2 V
Voltage type	DC

OTHER FEATURES

Explosion safety category for dust	ATEX dust-ex-protection, Cat. 3D

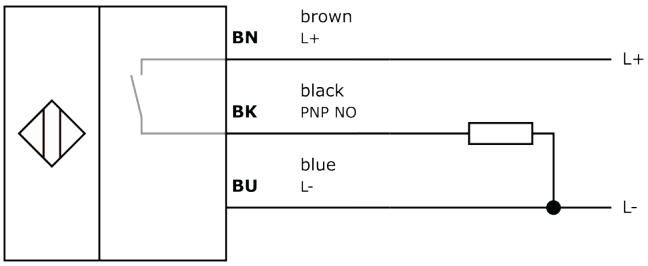
Other

Packaging dimensions	124.0mm x 35.0mm x 149.0mm
Shipping weight	0.15kg
Tariff code	85365019

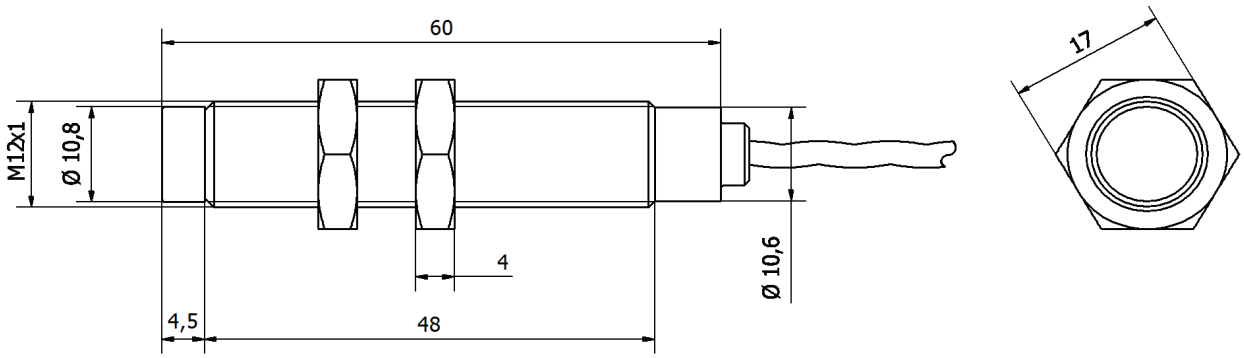
Classification

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.