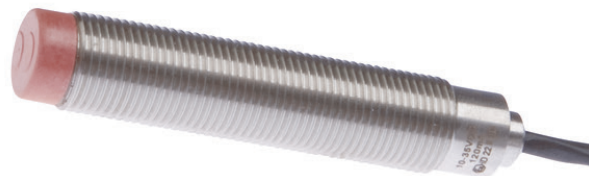


IN12C230
INDUCTIVE SENSORS • INCREASED AMBIENT TEMPERATURE

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


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
Increased ambient temperatures > 80°C	+
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

ATEX approval	+
Cascadable	-
Hysteresis	15 %
No-load current	15 mA
Norm measuring plate	12x12x1
Rated switching current	120 mA
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 35 V
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

ELECTRICAL FEATURES

Voltage drop 2 V

Voltage type DC

With monitoring function of downstream devices -

OTHER FEATURES

ATEX product marking, dust II 3D Ex tc IIIB T155°C Dc 0°C

Other

Packaging dimensions 124.0mm x 28.0mm x 149.0mm

Shipping weight 0.16kg

Tariff code 85365019

Classification

ipf product group 700

eClass 8.0 27270101

eClass 9.0 27270101

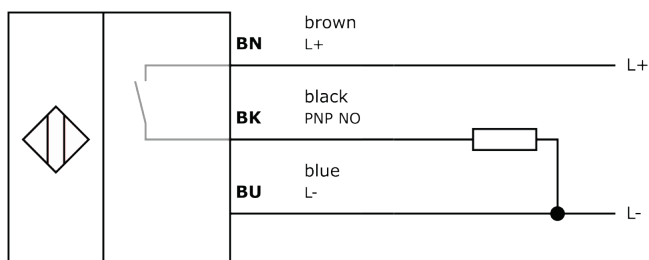
eClass 9.1 27270101

ETIM-5.0 EC002714

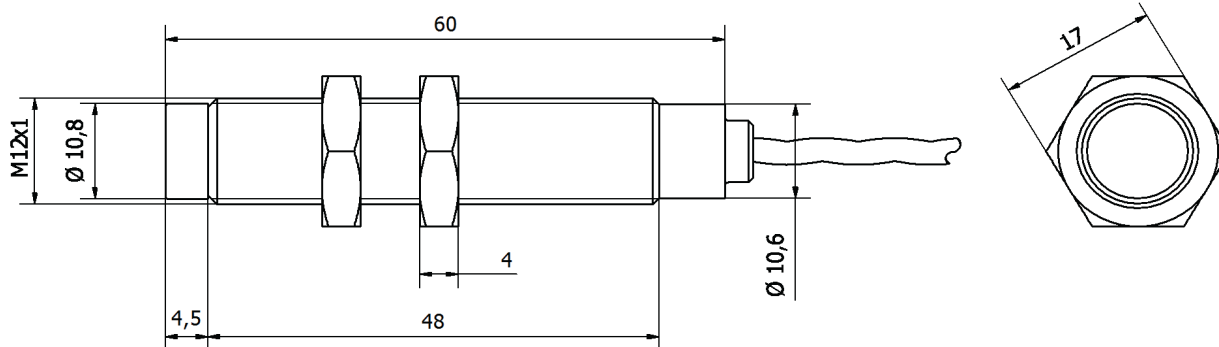
ETIM-6.0 EC002714

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.