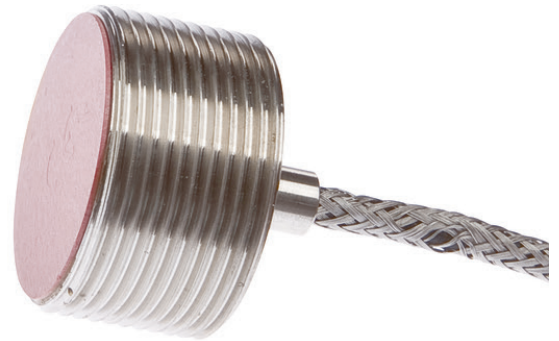


IB30C148

INDUCTIVE SENSORS • INCREASED AMBIENT TEMPERATURE

sensor inductive, M30x1.5 28long, Flush, Sn: 8, 10-35V DC, 140°C, PNP NO, Cable connector M12 10m PTFE with stainl. steel mesh, IP65, Stainless steel 1.4305



MECHANICAL FEATURES

Active area material of sensor	Vectra®
Alignment of cable entry	Axial
Ambient temperature	0 °C ... 140 °C
Cable infeed	Axial
Cable length	10 m
Degree of protection (IP)	IP65
Design	Cylinder, screw-thread
Housing material	Stainless steel 1.4305
Increased ambient temperatures > 80°C	+
Material of cable sheath	PTFE with stainl. steel mesh
Mechanical mounting condition for sensor	Flush
Pressure-proof	-
Sensor length	27.6 mm
Thread length	18 mm
Thread pitch	1.5 mm
Thread size, metric	30

ELECTRICAL FEATURES

Cascadable	-
Hysteresis	15 %
No-load current	15 mA
Norm measuring plate	30x30x1
Rated switching current	150 mA
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 35 V
Switching distance	8 mm
Switching frequency	200 Hz
Type of electrical connection	Cable connector M12
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage drop	2 V

ELECTRICAL FEATURES

Voltage type DC

With monitoring function of downstream devices -

Other

Packaging dimensions 200mm x 0.0mm x 300mm

Shipping weight 0.39kg

Tariff code 85365019

Classification

ipf product group 700

eClass 8.0 27270101

eClass 9.0 27270101

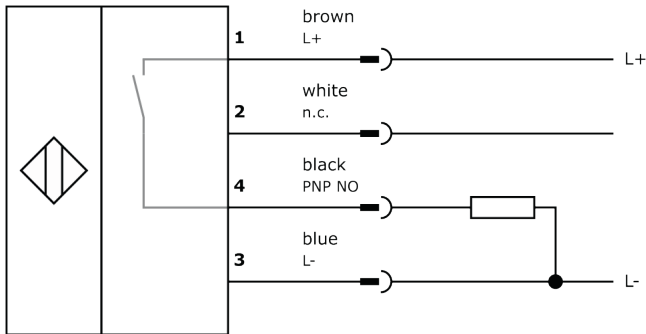
eClass 9.1 27270101

ETIM-5.0 EC002714

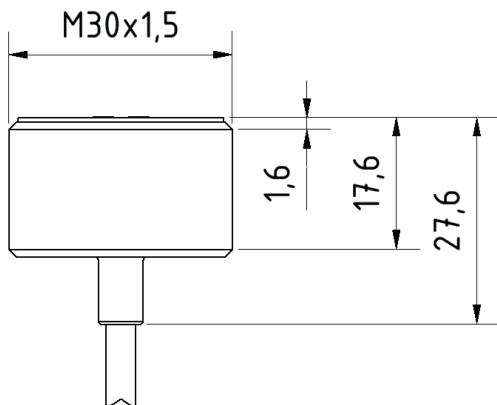
ETIM-6.0 EC002714

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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[ILFK12E9193/I02](#) [IMM2582C](#) [OISN-013](#) [25.161.3253.0](#) [25.332.0653.1](#) [25.352.0653.0](#) [25.352.0753.0](#) [25.523.3253.0](#)