IB300129
INDUCTIVE SENSORS • WELDING-PROOF

sensor inductive, M30x1.5 80long, Flush, Sn: 10, 10-30V DC, PNP NO, Connector M12, IP67, Brass Teflon coated, welding-proof



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
Degree of protection (IP)	IP67
Design	Cylinder, screw-thread
Housing coating	Teflon coated
Housing material	Brass
Mechanical mounting condition for sensor	Flush
Pressure-proof	-
Sensor length	80 mm
Thread length	60 mm
Thread pitch	1.5 mm
Thread size, metric	30

ELECTRICAL FEATURES

Cascadable	-
Interference resistance to magnetic fields	Immune against magnetic AC-field
Norm measuring plate	30x30x1
Rated switching current	200 mA
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 30 V
Switching distance	10 mm
Switching frequency	15 Hz
Type of electrical connection	Connector M12
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage type	DC
With LED display	+
With monitoring function of downstream devices	-

OTHER FEATURES

Welding area	+
Welding-proof sensors	+

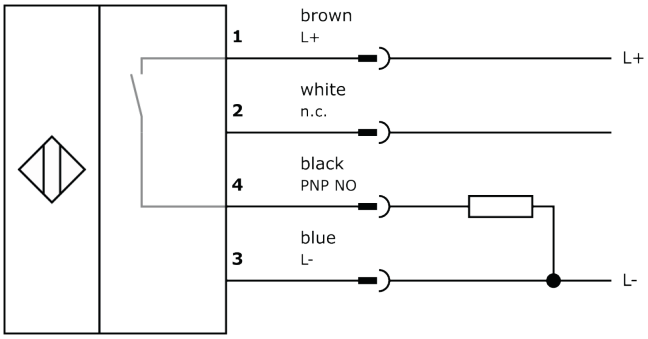
Other

Packaging dimensions	43.0mm x 43.0mm x 105.0mm
Shipping weight	0.18kg
Tariff code	85365019

Classification

ipf product group	207
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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