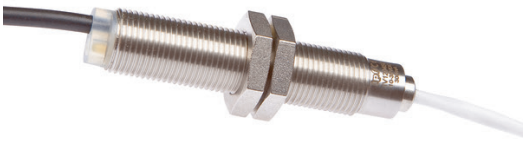
IV120450

INDUCTIVE SENSORS • INCREASED AMBIENT TEMPERATURE

sensor ind,hochtemp,verst M12x1,55lg,VA 10-35VDC,2x-200mA/0,3mTflkb,M12Dose,2mPURKb



MECHANICAL FEATURES

Cable length	2 m
Degree of protection (IP)	IP65
Depth	55 mm
Design	Cylinder, screw-thread
Device design	Field device
Housing material	Stainless steel (V2A)
Length	55 mm
Material of cable sheath	PUR (Polyurethane)
Mounting method	Front fastening
Number of cores	4
Thread length	48 mm
Thread pitch	1 mm
Thread size, metric	12

ELECTRICAL FEATURES

Amplifier for inductive sensors	+
Galvanic isolation between input and output	-
Galvanic isolation between inputs	-
Galvanic isolation between supply voltage and all other current circuits	-
Inherently safe according to EN 60947-5-6 NAMUR	-
Malfunction message output	-
No-load current	25 mA
Number of output circuits, transistor pnp	1
Number of pins	4
Rated supply voltage at DC	7 V ... 35 V
Rated switching current	0.3 A
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Switching frequency	1000 Hz
Switching voltage	24 V
Type of electrical connection	Plug-in connection M12
Type of switching function	Normally open/normally closed

ELECTRICAL FEATURES

Type of voltage supply	Active
Voltage drop	2 V
Voltage type	DC
With LED display	+

OTHER FEATURES

Operating temperature	-25 °C ... 75 °C

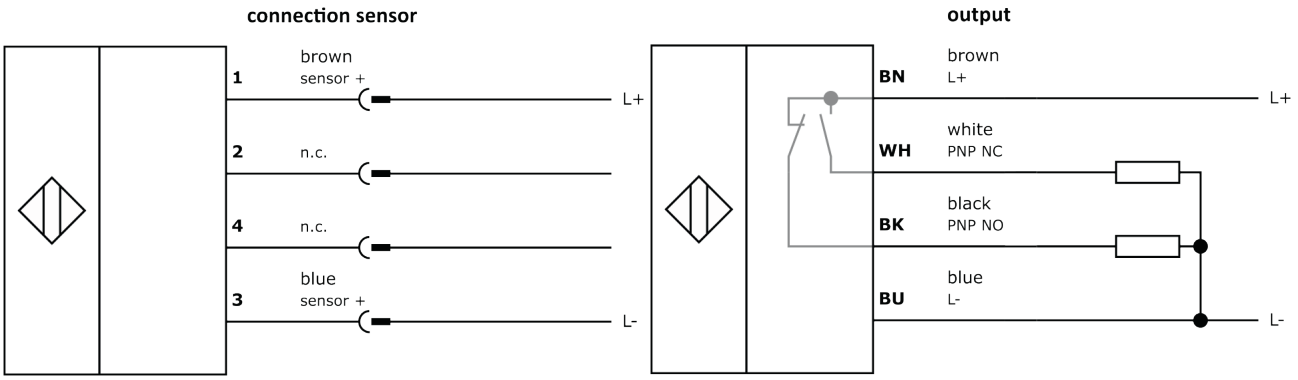
Other

Packaging dimensions	124.0mm x 28.0mm x 149.0mm
Shipping weight	0.12kg
Tariff code	85365019

Classification

ipf product group	202
eClass 8.0	27210121
eClass 9.0	27210121
eClass 9.1	27210121
ETIM-5.0	EC001485
ETIM-6.0	EC001485
ETIM-7.0	EC001485

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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