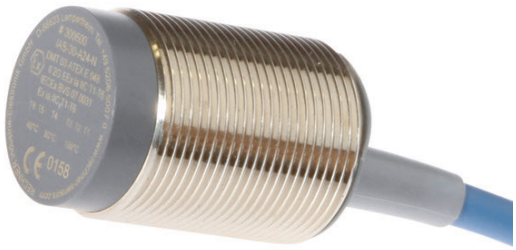
IN307004

INDUCTIVE SENSORS • NORM SWITCHING DISTANCE

sensor inductive, M30x1.5 43long, Non-flush, Sn: 15, 8V DC, NAMUR Anschluss an Verstärker, Cable 2m PUR (Polyurethane), IP67, Brass Nickel-plated



MECHANICAL FEATURES

Active area material of sensor	PA 6 (synthetic)
Alignment of cable entry	Axial
Ambient temperature	-25 °C ... 70 °C
Cable infeed	Axial
Cable length	2 m
Degree of protection (IP)	IP67
Design	Cylinder, screw-thread
Housing coating	Nickel-plated
Housing material	Brass
Material of cable sheath	PUR (Polyurethane)
Mechanical mounting condition for sensor	Non-flush
Pressure-proof	-
Sensor length	43 mm
Thread pitch	1.5 mm
Thread size, metric	30

ELECTRICAL FEATURES

ATEX approval	+
Cascadable	-
Connection to amplifier	+
Norm measuring plate	30x30x1
Rated switching current	2.1 mA
Relative repeat accuracy	0.1 %
Suitable for safety functions	-
Supply voltage	8 V ... 8 V
Switching distance	15 mm
Switching frequency	500 Hz
Type of electrical connection	Cable
Type of switching function	Amplifier
Type of switching output	NAMUR
Voltage type	DC
With monitoring function of downstream devices	-

OTHER FEATURES

ATEX product marking, gas	Ex II 1G Ex ia Ex IIC T1 – T6 Ga

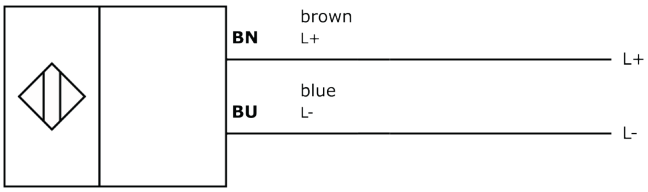
Other

Packaging dimensions	124.0mm x 35.0mm x 149.0mm
Shipping weight	0.29kg
Tariff code	85365019

Classification

ipf product group	203
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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