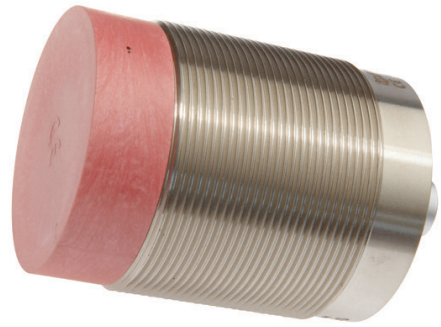


## IN50C941

### INDUCTIVE SENSORS • INCREASED AMBIENT TEMPERATURE

sensor inductive, M50x1.5 77long, Non-flush, Sn: 25, 230°C, Other  
Anschluss an Verstärker, Lemo-connector, Stainless steel 1.4305



#### MECHANICAL FEATURES

Active area material of sensor	Vectra®
Alignment of cable entry	Axial
Ambient temperature	0 °C ... 230 °C
Cable infeed	Axial
Design	Cylinder, screw-thread
Housing material	Stainless steel 1.4305
Increased ambient temperatures > 80°C	+
Mechanical mounting condition for sensor	Non-flush
Pressure-proof	-
Sensor length	77 mm
Thread pitch	1.5 mm
Thread size, metric	50

#### ELECTRICAL FEATURES

ATEX approval	+
Cascadable	-
Connection to amplifier	+
Suitable for safety functions	-
Switching distance	25 mm
Type of electrical connection	Lemo-connector
Type of switching output	Other
With monitoring function of downstream devices	-

#### OTHER FEATURES

ATEX product marking, dust	II 3D Ex tc IIIB T235°C Dc 0°C
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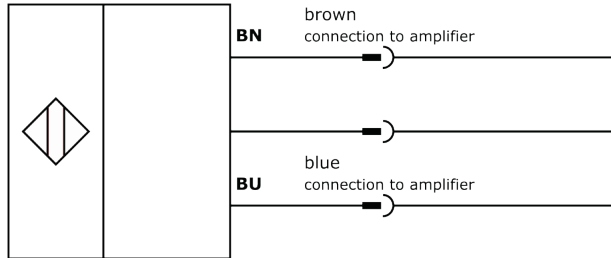
#### Other

Packaging dimensions	99.0mm x 60mm x 160mm
Shipping weight	0.33kg
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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[IFRM06P1703/S35L](#) [IFRM08P1501/S35L](#) [IFRM12N17G3/L](#) [IFRM12P17G3/L](#) [IFRM12P3502/L](#) [IFRM12P37G1/S14L](#) [ILFK12E9189/I02](#)  
[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](#)