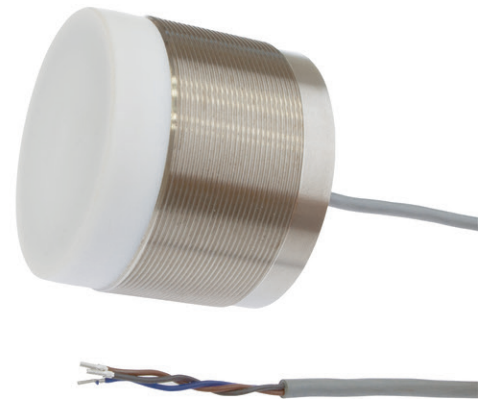


## IN80C916

### INDUCTIVE SENSORS • INCREASED AMBIENT TEMPERATURE

sensor inductive, M80x1.5 66long, Non-flush, Sn: 50, 10-35V DC, -40-120°C, PNP NO, Cable 2m Silicone, IP65, Stainless steel 1.4305



#### MECHANICAL FEATURES

Active area material of sensor	Polytetrafluorethylene (PTFE)
Alignment of cable entry	Axial
Ambient temperature	-40 °C ... 120 °C
Ambient temperatures < -25°C	+
Cable infeed	Axial
Cable length	2 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	Silicone
Mechanical mounting condition for sensor	Non-flush
Pressure-proof	-
Sensor length	66 mm
Thread length	40 mm
Thread pitch	1.5 mm
Thread size, metric	80

#### ELECTRICAL FEATURES

Cascadable	-
Hysteresis	25 %
No-load current	8 mA
Rated switching current	150 mA
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 35 V
Switching distance	50 mm
Switching frequency	50 Hz
Type of electrical connection	Cable
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 FEATURES

Areas inquiry	+
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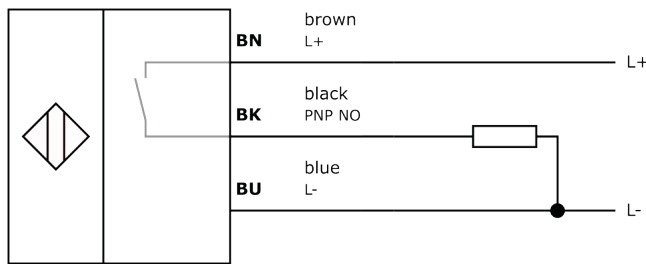
### Other

Packaging dimensions	138.0mm x 95.0mm x 210mm
Shipping weight	
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](#)