

**IB186053**
**INDUCTIVE SENSORS • INCREASED AMBIENT TEMPERATURE**

sensor inductive, M18x1 70long, Flush, Sn: 5, 230°C, Other Anschluss an Verstärker, Connector M12 3m Polytetrafluorethylene (PTFE), IP65, 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
Cable length	3 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	Polytetrafluorethylene (PTFE)
Mechanical mounting condition for sensor	Flush
Pressure-proof	-
Sensor length	70 mm
Thread length	60 mm
Thread pitch	1 mm
Thread size, metric	18

**ELECTRICAL FEATURES**

Cascadable	-
Connection to amplifier	+
Hysteresis	15 %
Norm measuring plate	18x18x1
Suitable for safety functions	-
Switching distance	5 mm
Switching frequency	300 Hz
Type of electrical connection	Connector M12
Type of switching function	Amplifier
Type of switching output	Other
With monitoring function of downstream devices	-

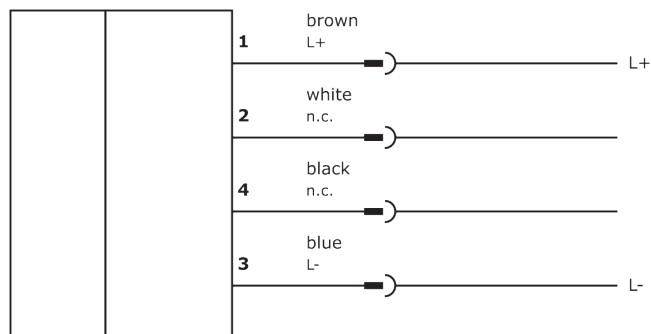
## Other

Packaging dimensions	124.0mm x 28.0mm x 149.0mm
Shipping weight	0.19kg
Tariff code	85365019

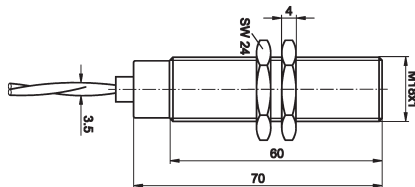
## Classification

ipf product group	202
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.