

IB18A899
INDUCTIVE SENSORS • INCREASED AMBIENT TEMPERATURE

sensor inductive, M18x1 70long, Flush, Sn: 5, 10-35V DC, 180°C, PNP
NO, Cable 20m Silicone, IP65, Stainless steel 1.4305


MECHANICAL FEATURES

Active area material of sensor	Vectra®
Alignment of cable entry	Axial
Ambient temperature	0 °C ... 180 °C
Cable infeed	Axial
Cable length	20 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	Flush
Number of cores	3
Pressure-proof	-
Sensor length	70 mm
Thread pitch	1 mm
Thread size, metric	18

ELECTRICAL FEATURES

Cascadable	-
Rated switching current	150 mA
Suitable for safety functions	-
Supply voltage	10 V ... 35 V
Switching distance	5 mm
Type of electrical connection	Cable
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage type	DC
With monitoring function of downstream devices	-

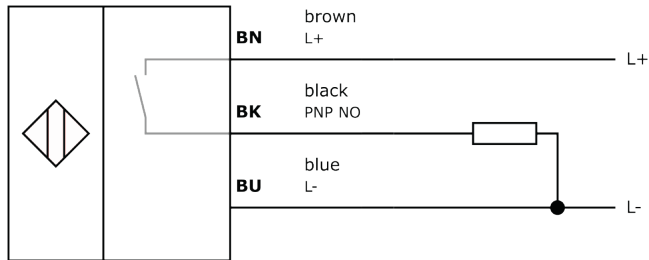
Other

Packaging dimensions	138.0mm x 95.0mm x 210mm
Shipping weight	0.65kg
Tariff code	85365019

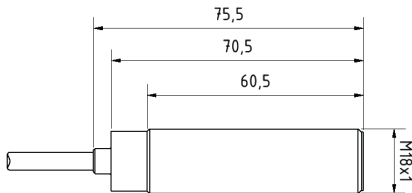
Classification

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.