

IB300280

INDUCTIVE SENSORS • INCREASED AMBIENT TEMPERATURE

sensor inductive, M30x1.5 91long, Flush, Sn: 10, 10-30V DC, 110°C, PNP NC, Cable 2m Polytetrafluorethylene (PTFE), IP69K, Polytetrafluorethylene (PTFE)



MECHANICAL FEATURES

Active area material of sensor	Polytetrafluorethylene (PTFE)
Alignment of cable entry	Axial
Ambient temperature	0 °C ... 110 °C
Cable infeed	Axial
Cable length	2 m
Degree of protection (IP)	IP69K
Design	Cylinder, screw-thread
Housing material	Polytetrafluorethylene (PTFE)
Increased ambient temperatures > 80°C	+
Material of cable sheath	Polytetrafluorethylene (PTFE)
Mechanical mounting condition for sensor	Flush
Number of cores	3
Pressure-proof	-
Sensor length	91 mm
Teflon housing	+
Thread pitch	1.5 mm
Thread size, metric	30
Wire cross section	0.34 mm ²

ELECTRICAL FEATURES

Cascadable	-
No-load current	4 mA
Norm measuring plate	30x30x1
Rated switching current	200 mA
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 30 V
Switching distance	10 mm
Switching frequency	100 Hz
Type of electrical connection	Cable
Type of switching function	Normally closed contact
Type of switching output	PNP

ELECTRICAL FEATURES

Voltage drop	1 V
Voltage type	DC
With monitoring function of downstream devices	-

OTHER FEATURES

Hygienic and wet area	+
Oil and cooling lubricants	+

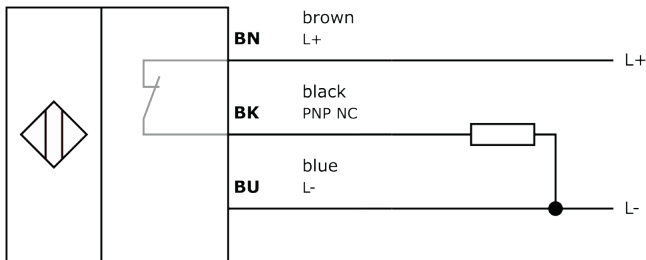
Other

Packaging dimensions	124.0mm x 35.0mm x 149.0mm
Shipping weight	0.23kg
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.

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