IBR30206

INDUCTIVE SENSORS • INCREASED SWITCHING DISTANCE

sensor inductive, Ø3mm 22long, Flush, Sn: 1, 10-30V DC, PNP NC,
Cable 2m PUR (Polyurethane), IP67, V2A

MECHANICAL FEATURES

Active area material of sensor	PCB
Alignment of cable entry	Axial
Ambient temperature	-25 °C ... 70 °C
Cable infeed	Axial
Cable length	2 m
Degree of protection (IP)	IP67
Design	Cylinder plain
Housing material	Stainless steel 1.4301
Material of cable sheath	PUR (Polyurethane)
Mechanical mounting condition for sensor	Flush
Pressure-proof	-
Sensor diameter	3 mm
Sensor length	22 mm

ELECTRICAL FEATURES

Cascadable	-
Correction factor (aluminum)	0.5
Correction factor (brass)	0.6
Correction factor (copper)	0.45
Correction factor (St37)	1
Correction factor (stainl. steel)	0.8
Hysteresis	10 %
No-load current	10 mA
Norm measuring plate	3x3x1
Rated switching current	100 mA
Relative repeat accuracy	2 %
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 30 V
Switching distance	1 mm
Switching frequency	3000 Hz
Type of electrical connection	Cable

ELECTRICAL FEATURES

Type of switching function	Normally closed contact
Type of switching output	PNP
Voltage drop	2 V
Voltage type	DC
With LED display	+
With monitoring function of downstream devices	-

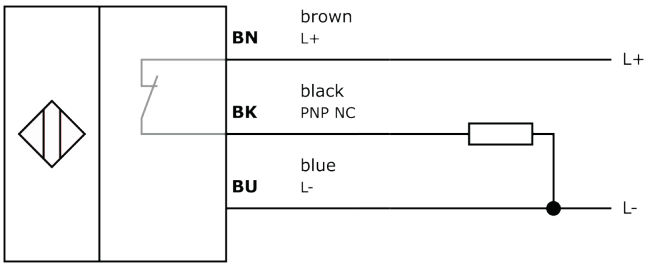
Other

Packaging dimensions	100mm x 0.0mm x 120mm
Shipping weight	0.02kg
Tariff code	85365019

Classification

ipf product group	201
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.

ipf electronic gmbh • Rosmarter Allee 14 • 58762 Altena | Tel +49 2351 9365-0 • Fax +49 2351 9365-19 | info@ipf.de • **www.ipf.de**