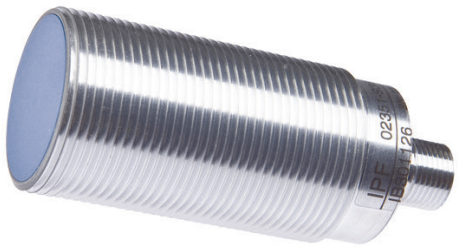
IB301126

INDUCTIVE SENSORS • INCREASED SWITCHING DISTANCE

sensor inductive, M30x1.5 74long, Quasi-flat, Sn: 22, 10-30V DC, NPN NO, Connector M12 3pin, IP67, Brass Chrome-plated



MECHANICAL FEATURES

Active area material of sensor	PBTP
Alignment of cable entry	Axial
Ambient temperature	-25 °C ... 70 °C
Cable infeed	Axial
Degree of protection (IP)	IP67
Design	Cylinder, screw-thread
Housing coating	Chrome-plated
Housing material	Brass
Mechanical mounting condition for sensor	Quasi-flat
Pressure-proof	-
Sensor length	73.5 mm
Thread length	52 mm
Thread pitch	1.5 mm
Thread size, metric	30

ELECTRICAL FEATURES

Cascadable	-
Correction factor (aluminum)	0.4
Correction factor (brass)	0.45
Correction factor (copper)	0.35
Correction factor (St37)	1
Correction factor (stainl. steel)	0.66
Hysteresis	10 %
No-load current	10 mA
Norm measuring plate	66x66x1
Number of pins	3
Rated switching current	100 mA
Relative repeat accuracy	5 %
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 30 V
Switching distance	22 mm

ELECTRICAL FEATURES

Switching frequency	200 Hz
Type of electrical connection	Connector M12
Type of switching function	Normally open contact
Type of switching output	NPN
Voltage drop	2 V
Voltage type	DC
With LED display	+
With monitoring function of downstream devices	-

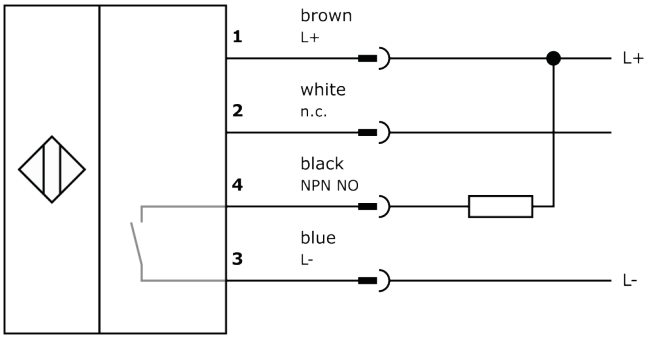
Other

Packaging dimensions	43.0mm x 43.0mm x 105.0mm
Shipping weight	0.16kg
Tariff code	85365019

Classification

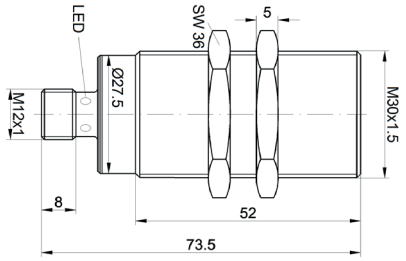
ipf product group	201
eClass 8.0	27270101
eClass 9.0	27270101
eClass 9.1	27270101
ETIM-5.0	EC002714
ETIM-6.0	EC002714
ETIM-7.0	EC002714

Connection



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

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.