

IN300126

INDUCTIVE SENSORS • INCREASED SWITCHING DISTANCE

sensor inductive, M30x1.5 74long, Non-flush, Sn: 40, 10-30V DC, PNP 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	Non-flush
Pressure-proof	-
Sensor length	73.5 mm
Thread length	42 mm
Thread pitch	1.5 mm
Thread size, metric	30

ELECTRICAL FEATURES

Cascadable	-
Correction factor (aluminum)	0.4
Correction factor (brass)	0.47
Correction factor (copper)	0.37
Correction factor (St37)	1
Correction factor (stainl. steel)	0.78
Hysteresis	10 %
No-load current	10 mA
Norm measuring plate	120x120x1
Number of pins	3
Operating voltage	10 V ... 30 V
Rated switching current	200 mA
Relative repeat accuracy	5 %
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Switching distance	40 mm

ELECTRICAL FEATURES

Switching frequency	100 Hz
Type of electrical connection	Connector M12
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage drop	2 V
Voltage type	DC
With LED display	+

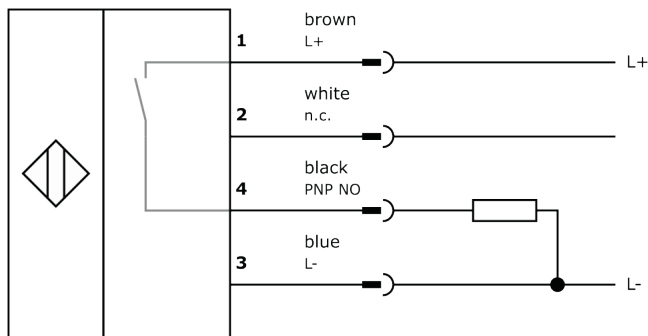
Other

Packaging dimensions	180mm x 10mm x 210mm
Shipping weight	0.16kg
Tariff code	85365019

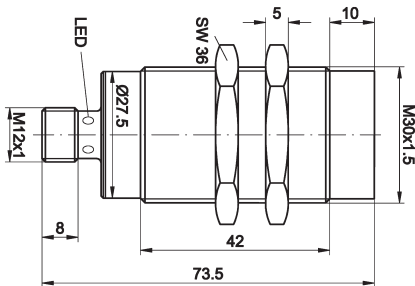
Classification

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



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.