IB125100

INDUCTIVE SENSORS • NORM SWITCHING DISTANCE

sensor inductive, M12x1 70long, Flush, Sn: 2, Two-wire NO, Cable 2m PVC, IP67, Brass Nickel-plated

MECHANICAL FEATURES

Active area material of sensor	PBT
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, screw-thread
Housing coating	Nickel-plated
Housing material	Brass
Material of cable sheath	PVC
Mechanical mounting condition for sensor	Flush
Number of cores	2
Pressure-proof	-
Sensor length	70 mm
Thread length	60 mm
Thread pitch	1 mm
Thread size, metric	12

ELECTRICAL FEATURES

Cascadable	-
Hysteresis	15 %
No-load current	2 mA
Norm measuring plate	12x12x1
Rated switching current	300 mA
Relative repeat accuracy	10 %
Suitable for safety functions	-
Supply voltage	20 V ... 250 V
Switching distance	2 mm
Switching frequency	30 Hz
Type of electrical connection	Cable
Type of switching function	Normally open contact
Type of switching output	Two-wire
Voltage drop	5 V

ELECTRICAL FEATURES

Voltage type	AC/DC
With monitoring function of downstream devices	-

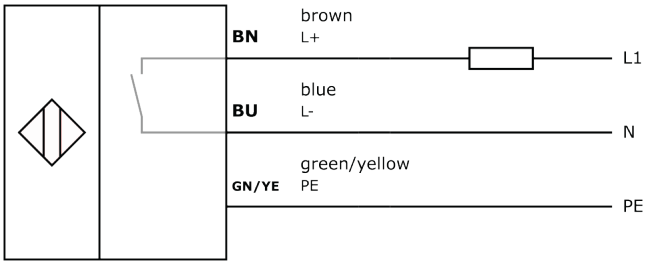
Other

Packaging dimensions	70mm x 40mm x 125.0mm
Shipping weight	0.14kg
Tariff code	85365080

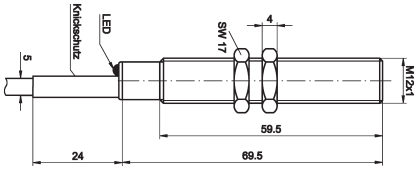
Classification

ipf product group	203
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.