

IN200407
INDUCTIVE SENSORS • NORM SWITCHING DISTANCE

sensor inductive, Ø20mm 74long, Non-flush, Sn: 10, 10-30V DC, PNP
NC/NO, Cable axial 2m PVC, IP67, PA 6.6 (synthetic), Static


MECHANICAL FEATURES

Active area material of sensor	PA 6.6 (synthetic)
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	PA 6.6 (synthetic)
Material of cable sheath	PVC
Mechanical mounting condition for sensor	Non-flush
Number of cores	4
Pressure-proof	-
Sensor diameter	20 mm
Sensor length	74 mm
Wire cross section	0.25 mm ²

ELECTRICAL FEATURES

Cascadable	-
Decay time	1 ms
Hysteresis	15 %
Max. output current at safe output	200 mA
No-load current	13 mA
Norm measuring plate	24x24x1
Operating voltage	10 V ... 30 V
Rated switching current	200 mA
Readiness delay	300 ms
Relative repeat accuracy	5 %
Response time	1 ms
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 30 V
Switching behavior of the output	Static

ELECTRICAL FEATURES

Switching distance	10 mm
Switching frequency	500 Hz
Type of electrical connection	Cable axial
Type of switching function	Normally closed contact/normally open contact
Type of switching output	PNP
Voltage drop	2.4 V
Voltage type	DC
With LED display	+
With monitoring function of downstream devices	-

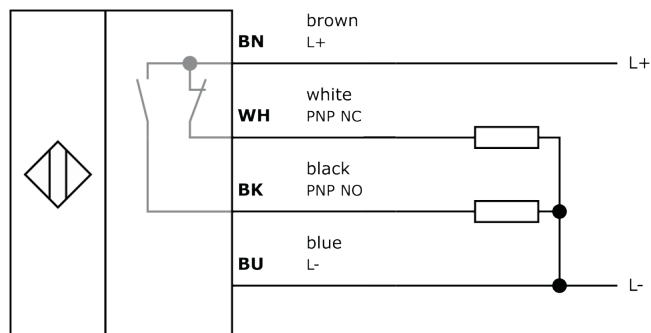
Other

Packaging dimensions	76.0mm x 50mm x 121.0mm
Shipping weight	0.15kg
Tariff code	85365019

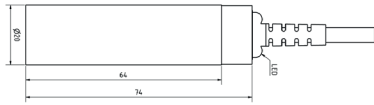
Classification

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.