

IN185100
INDUCTIVE SENSORS • NORM SWITCHING DISTANCE

sensor inductive, M18x1 60long, Non-flush, Sn: 8, Two-wire NO, Cable 2m PVC, IP67, Brass Nickel-plated


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, screw-thread
Housing coating	Nickel-plated
Housing material	Brass
Material of cable sheath	PVC
Mechanical mounting condition for sensor	Non-flush
Pressure-proof	-
Sensor length	60 mm
Thread pitch	1 mm
Thread size, metric	18
Wire cross section	0.5 mm ²

ELECTRICAL FEATURES

Cascadable	-
Hysteresis	15 %
Min. output current	2 mA
Norm measuring plate	18x18x1
Rated switching current	350 mA
Relative repeat accuracy	5 %
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	20 V ... 250 V
Switching distance	8 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 0.15kg

Tariff code 85365080

Classification

ipf product group 203

eClass 8.0 27270101

eClass 9.0 27270101

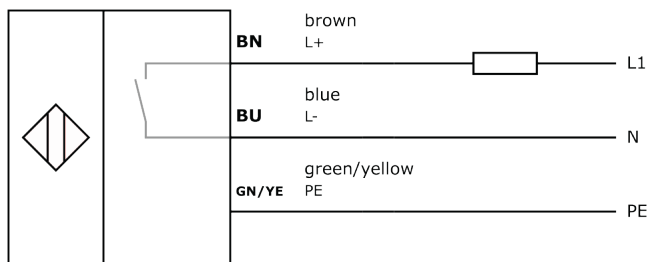
eClass 9.1 27270101

ETIM-5.0 EC002714

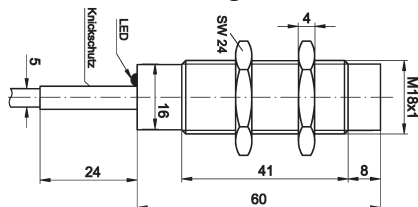
ETIM-6.0 EC002714

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.

