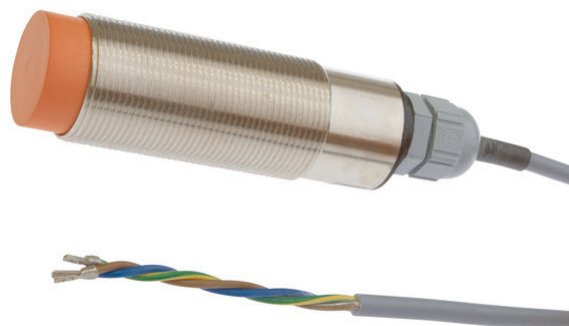


IN304300

INDUCTIVE SENSORS • NORM SWITCHING DISTANCE

Inductive proximity switches are contact-free sensors. They detect all conductive metals, regardless of whether they move or not. The achievable sensing range of the devices depends on the object material and its dimensions. The vibration-resistant sensors can be approached laterally or frontally. Inductive proximity switches are used for presence detection (e.g. goods carriers), positioning (e.g. dampers), counting (e.g. nuts /bolts), speed detection (e.g. for cog wheels), on conveyor systems (e.g. hose feedings) or distance measurements (e.g. press-in checking) of metallic objects.



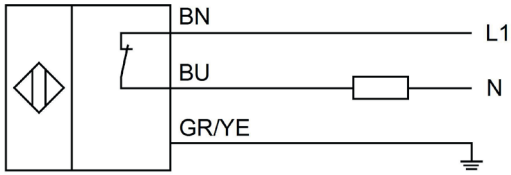
MECHANICAL DATA

Active area material of sensor	PBT
Ambient temperature	-25 °C ... 75 °C
Cable length	2 m
Degree of protection (IP)	IP67
Housing coating	Nickel-plated
Housing design	Cylinder, screw-thread
Housing material	Brass
Material of cable sheath	PVC
Mechanical mounting condition for sensor	Non-flush
Number of wires	3
Pressure-proof	No
Sensor length	90 mm
Thread pitch	1.5 mm
Thread size, metric	30

ELECTRICAL DATA

Cascadable	No
IO-Link compatible	No
Max. output current	400 mA
Suitable for safety functions	No
Supply voltage	20 V ... 250 V
Switching distance	15 mm
Type of electrical connection	Cable
Type of switching function	Normally closed contact/normally open contact
Type of switching output	Two-wire
Voltage type	AC
With monitoring function of downstream devices	No

CONNECTION



Colors: A: BN (brown), BU (blue), GN/YE (green/yellow)

Functions: A: BN = L+, BU = L-, GN/YE = PE

B: BN = L+, BU = L-, GN/YE = PE

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!