

Inductive proximity sensor SND04-P

Product codes:

Reference: AM9736

EAN13: -

UPC: 85365080



Product features:

Voltage: 10-30 V DC

Cable length: 200 cm

Waterproof grade: IP67

Product attributes:

Product description:

The ROKO SND04-P inductive proximity sensor is used for non-contact detection of metal objects in industrial and automation applications. The version with PNP NO output is intended for direct current power supply 10–30 V DC and for installation in places where switching is required depending on the presence of a metal target. The sensor is equipped with a connection cable and mounting holes in the sensor body.

Technical specifications

- Model: ROKO SND04-P
 - Sensor type: inductive proximity sensor
 - Supply voltage: 10-30 V DC
 - Output: PNP NO
 - Switching state: normally open
 - Detection distance: 4 mm
 - Protection level: IP67
 - For detecting metal objects
 - 3-wire connection
 - Wire colors marked on the label: BN +10–30 V, BK PNP NO, BU 0 V
 - Sensor body with mounting holes
 - Indicator LED on the front
 - Declared circuit protection: reverse polarity protection and output short circuit protection
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Functions and features

- Non-contact sensing of a metal target without mechanical wear of the switching part
- PNP NO output logic for direct connection to DC-powered control circuits
- Compact square design suitable for installation in machines, fixtures and automation units
- Hard-wired cable for direct electrical connection
- Front status indication via LED
- IP67 protection for use in operating environments with increased demands on dust and moisture resistance

Ideal for

- Industrial automation
- Positional detection of metal parts
- Sensing the presence of metal parts on machines and conveyors
- Integration into control and signaling circuits
- Installation in devices with 10–30 V DC power supply

Package contents

- Proximity sensor ROKO SND04-P with connection cable
- Mounting screws and nuts

Why choose this product?

- Clearly marked model and wiring directly on the sensor label
- Combination of 10-30V DC power supply and PNP NO output for general control applications
- Inductive sensing principle designed for detecting metal objects
- IP67 protection and integrated protection circuits listed by the manufacturer on product materials
- Design with mounting holes allows for a solid mechanical attachment

Installation and operating instructions

- Before connecting, verify the correct polarity of the power supply and the function of the individual wires according to the markings BN, BK and BU.
 - Install the sensor so that it detects only the metal target in the working area.
 - Route the cable away from places where there is a risk of mechanical damage, pulling or kinking.
 - Perform installation with the power disconnected.
 - When integrating into a control system, verify the input's compatibility with the PNP NO signal.
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Safety notice

- The product is an electrical component for DC power supply; incorrect connection may cause damage to the sensor or downstream circuits.
- Do not connect the sensor to a voltage outside the range of 10–30 V DC.
- Avoid shorting wires and do not install under voltage.
- Installation in industrial equipment must be carried out by a qualified person.
- When used in safety-critical functions, it is necessary to verify whether the sensor is intended for such use in the device documentation.

Product gallery:

