

Inductive proximity sensor SN04-Y

Product codes:

Reference: AM2172

EAN13: -

UPC: 85365080

Product features:

Current: 400 mA

Voltage: 90-250 V AC

Cable length: 200 cm

Waterproof grade: IP67



Product attributes:

Product description:

The SN04-Y inductive proximity sensor is a non-contact switching element designed for the detection of metal objects. The AC 2-wire version with NO output is suitable for easy integration into control and signaling circuits powered by alternating voltage. The sensor is used for position detection, end sensing and the presence of metal parts in automation technology.

Technical specifications

- Model: SN04-Y
- Sensor type: inductive proximity sensor
- Output type: AC 2-wire, NO
- Supply voltage: 90 to 250 V AC
- Maximum current: 400 mA
- Detection distance: 4 mm
- Body construction dimensions: 18 × 18 × 36 mm
- Designed for detecting metal objects
- Version with connection cable

Functions and features

- Non-contact detection of metal objects without mechanical wear of contacts.
 - Square compact body for installation in limited space.
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- 2-wire AC design for direct use in AC circuits.
- The NO output remains open in the idle state and closes when an object is detected.
- Suitable for sensing position, end position and passage of metal parts.

Ideal for

- Industrial automation
- Simple sensing and signaling circuits
- Detection of metal components on machines and fixtures
- End sensing of moving mechanisms
- Control circuits with power supply 90 to 250 V AC

Package contents

- 1x inductive proximity sensor SN04-Y with connection cable

Why choose this product?

- Clearly designated model SN04-Y for AC 2-wire connection with NO output.
- Detection of metal objects without direct contact with the scanned part.
- Compact dimensions facilitate installation in machine units and switchboard applications.
- The combination of AC mains power supply and current up to 400 mA allows use in common control circuits.

Installation and operating instructions

- Install the sensor so that the detection surface is oriented towards a metal object within the working range.
- When connecting, please note the AC 2-wire version and the NO output.
- Perform installation and connection with the power disconnected.
- For proper function, it is necessary to verify compatibility with the load and connection method in a specific circuit.

Safety notice

- The product operates with a voltage of 90 to 250 V AC. Improper handling may result in electric shock.
 - The connection may only be carried out by a person with appropriate electrical qualifications.
 - Always disconnect power before assembly, disassembly, or maintenance.
 - Incorrect wiring or exceeding the current load may result in damage
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to the sensor or connected equipment.

- The sensor must be used in accordance with the circuit parameters and with regard to protection against short circuit and overload.

Product gallery:

