

Inductive sensor SN04 D1, PNP NO

Product codes:

Reference: AM3077

EAN13: -

UPC: 85365080

Product features:

Voltage: 10-30 V DC

Waterproof grade: IP67

Max. current: 200 mA



Product attributes:

Product description:

The SN04-D1 inductive sensor is a reliable non-contact metal object detector with a PNP NO (Normally Open) output. Thanks to its compact design, high durability and universal 10-30 V power supply, it is suitable for a wide range of automation applications where accurate and fast detection of metal objects is required.

Technical specifications

- Detection distance: 5 mm \pm 10%
 - Adjustable switching distance: approx. 0-4 mm
 - Output type: PNP, NO (Normally Open)
 - Supply voltage: DC 10-30V
 - Maximum output load: 200 mA
 - Case dimensions: 18 x 18 x 34.4 mm
 - Sensor height: 13.6 mm
 - Weight: 50 g
 - Protection level: IP67
 - Material: ABS plastic (body)
 - Operating temperature: -25 °C to +60 °C
 - Switching frequency: 0.5 kHz
 - Shock and interference resistance: AC1000 V / 50-60 Hz (1 min between parts)
 - Cable: integrated, length typically 1-1.2 m
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Functions and features

- Non-contact sensing of metal objects without mechanical wear.
- The compact design allows installation even in confined spaces.
- PNP NO output – switches on when a metal object approaches.
- Universal 10-30V DC power supply for most industrial applications.
- High reliability and resistance to moisture and dust (IP67).
- Fast response for accurate detection of fast moving parts.

Ideal for

- Automation lines and robotic assemblies.
- Detection of metal parts on conveyors.
- Checking the position, presence or passage of parts.
- Modernization of older machines (retrofit) thanks to universal connection.

Package contents

- 1× inductive sensor SN04-D1 (PNP NO)

Why choose this product?

The SN04-D1 combines high detection accuracy, long life and IP67 protection in a compact design. The PNP NO variant is ideal for control systems where the signal should only be active when a metal object approaches. Its robust design and easy installation make this sensor a reliable choice for industrial automation.

Product gallery:

