

# Inductive sensor SND04 N2, NPN NC

Reference: AM9324

EAN13: -

HS code: 85365080



## Product attributes:

## Product features:

Current: 200 mA

Voltage: 10-30 V DC

Cable length: 120 cm

Waterproof grade: IP67

## Product description:

The SND04-N2 inductive proximity sensor is a compact non-contact sensor designed for reliable detection of metal objects. It uses the principle of inductive sensing, which makes it resistant to dirt, dust and moisture. The version with NPN NC (normally closed) output is suitable for industrial control systems, automation, machines and production lines, where the emphasis is on stable and fast response.

## Technical specifications

- Sensor type: inductive proximity sensor
- Output type: NPN, NC (normally closed)
- Nominal sensing distance: 4 mm
- Safe sensing distance:  $\leq 3.2$  mm
- Standard sensing object: iron  $18 \times 18 \times 1$  mm
- Hysteresis:  $\leq 10\%$  of sensing distance
- Switching frequency: 600 Hz
- Supply voltage: 10-30 V DC
- Self-consumption:  $\leq 8$  mA (no load)
- Maximum load current: 200 mA
- Residual voltage:  $\leq 0.7$  V DC
- Leakage current:  $\leq 1.1$  mA (no load)
- Insulation resistance: 20 M $\Omega$  (500 V DC)
- Dielectric strength: 1000 V AC / 60 Hz / 60 s
- Operating temperature:  $-25$  °C to  $+70$  °C
- Protection: IP67
- Case material: ABS/PC
- Dimensions:  $30.5 \times 18 \times 18$  mm
- Connection: 3-wire cable, length 2 m
- Weight: 60g

## Functions and features

- Non-contact detection of metal objects
- NPN NC output - closed state when object is absent
- High resistance to vibrations and environmental influences
- Fast response suitable for dynamic applications
- Reverse polarity and short circuit protection at the output
- Integrated LED indicator

## Ideal for

- Industrial automation and machine control
- Position and end position detection
- Conveyor systems and production lines
- Counting metal parts
- Robotic applications

## Package contents

- 1x inductive sensor SND04-N2

## Why choose this product?

- Reliable operation even in demanding industrial environments
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- Compact dimensions for easy integration
- High IP67 protection for water and dust protection
- Proven design and long service life

