

Electromagnet 150kg, 100x50x40mm

Product codes:

Reference: AM3281

EAN13: -

UPC: 85059021

Product features:

Thread: M10

Waterproof grade: IP67

Type: Magnetizing



Product attributes:

Tension: 12 V DC, 24 V DC

Product description:

A powerful rectangular electromagnet with a high clamping force of up to 150 kg is designed for reliable holding of metal objects in industrial and technical applications. Thanks to the high-quality copper coil, full sealing and robust metal body, it ensures a long service life, low energy consumption and safe operation without residual magnetization after switching off.

Technical specifications

- Dimensions: 100 × 50 × 40 mm
- Holding force: up to 150 kg
- Supply voltage: 12V DC or 24V DC (depending on variant)
- Power consumption: approximately 15-18 W
- Coil material: copper wire (red copper coil)
- Protection: waterproof and oil-resistant design (fully sealed body)
- Operating temperature: -10 °C to +80 °C
- Weight: 1.5 kg
- Connection: wire with grommet and strain relief

Functions and features

- High pressing force even with compact dimensions
- No residual magnetization after power off
- Low energy consumption and minimal temperature rise
- Easy installation using mounting holes
- Direct current (DC) power supply
- Possibility of regulating force by changing the supply voltage
- Safe and quiet operation without mechanical wear

Ideal for

- Automation and robotic systems
- Textile and food machinery
- Medical and laboratory equipment
- Numerically controlled machines (CNC)
- Handling and transport equipment
- Safety and holding mechanisms

Package contents

- 1× electromagnet 100×50×40 mm (optionally 12V or 24V)
- Power cable with grommet

Why choose this product?

- Strong performance and reliability in industrial environments
- High-quality copper coil for efficient magnetic field transmission
- Durable waterproof design for long-term use
- Safe operation without residual magnetization after switching off
- Two voltage options (12V / 24V) for wide compatibility

Product gallery:

