



M12 12 Pin A-Code Field Wireable Connector Male with IP67 Protection

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: H1212MAV-0
- Minimum Order Quantity: 10 pieces
- Price: Negotiable
- Packaging Details: Paper box packing
- Delivery Time: 5-8 working days
- Payment Terms: T/T, Western Union
- Supply Ability: 100000 pieces per month



Product Specification

- Insulation Resistance: $\geq 100 \text{ M}\Omega$
- Sealing Material: FPM / FKM
- Number Of Contacts: 12 Pin
- Coding: A-Code
- Connector Type: M12 Field Wireable Connector
- Gender: Male

Product Description

M12 12 Pin A-Code Field Wireable Connector Male

The M12 12 Pin A-Code Field Wireable Connector Male is designed for reliable on-site cable assembly in industrial automation systems. Featuring a rugged nickel-plated brass housing, gold-plated contacts, and IP67 protection, this connector ensures secure signal transmission in demanding environments. The screw terminal design allows quick field installation and easy maintenance without requiring pre-molded cables.



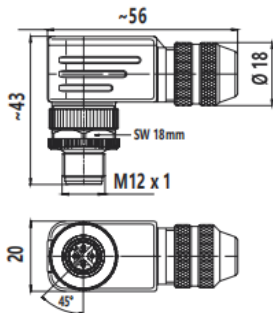
Key Features

- 12 Pin A-Code M12 male connector
- Field wireable screw terminal design
- IP67 waterproof and dustproof protection
- Nickel-plated brass housing
- Gold-plated copper alloy contacts
- Supports custom cable lengths
- Reliable vibration-resistant connection
- Suitable for industrial automation applications
- Easy on-site installation and maintenance
- Compatible with standard IEC 61076-2-101 interfaces

Technical Specifications

Specification	Details
Connector Type	M12 Field Wireable Connector
Gender	Male
Coding	A-Code
Number of Contacts	12 Pin
Connection Method	Screw Terminal
Rated Voltage	30 V AC/DC
Rated Current	1.5 A
Contact Material	Copper Alloy, Gold Plated
Housing Material	Nickel-Plated Brass
Insulator Material	PA Engineering Plastic
Sealing Material	FPM / FKM
Cable Outlet Diameter	4-8 mm
Thread	M12 × 1

Protection Rating	IP67
Insulation Resistance	≥100 MΩ
Contact Resistance	≤5 mΩ
Operating Temperature	-25°C to +85°C
Mechanical Life	≥100 Mating Cycles
Standard	IEC 61076-2-101



Product Advantages

Reliable Industrial Performance

Designed for long-term industrial operation, the connector provides stable electrical performance even under continuous vibration and mechanical stress.

Easy On-Site Wiring

The screw terminal design eliminates the need for factory-assembled cables, allowing installers to quickly connect cables directly in the field.

- Reduced installation time
- Lower maintenance costs
- Flexible cable length selection
- Easy replacement

IP67 Environmental Protection

The sealing structure effectively prevents dust and water ingress, making the connector suitable for outdoor and harsh factory environments.

Premium Contact Quality

Gold-plated contacts minimize contact resistance while improving corrosion resistance and ensuring stable signal transmission over long operating periods.

Rugged Metal Housing

The nickel-plated brass housing offers excellent resistance to corrosion, impact, and vibration, ensuring reliable performance in demanding industrial applications.

Typical Applications

- Industrial Automation
- Factory Equipment
- PLC Control Systems
- Industrial Sensors
- Servo Systems
- Robotics
- CNC Machines
- Packaging Machinery
- Conveyor Systems
- Process Automation
- Assembly Lines
- Machine Vision Systems

Frequently Asked Questions

What is a field wireable connector?

A field wireable connector allows users to assemble and terminate cables directly at the installation site without requiring factory-molded cable assemblies.

Is this connector waterproof?

Yes. It provides an IP67 protection rating when properly assembled and connected.

What cable diameter is supported?

The connector accepts cables with an outer diameter of 4-8 mm.

What industries commonly use this connector?

It is widely used in factory automation, robotics, packaging machinery, CNC equipment, industrial sensing, and process control systems.

Is the connector compliant with international standards?

Yes. It conforms to IEC 61076-2-101, ensuring compatibility with standard M12 interfaces.

Can the connector be reused?

Yes. The screw terminal structure allows repeated assembly and maintenance, making it suitable for field servicing.

Need a reliable M12 12 Pin field wireable connector for your automation system?

Contact our engineering team for product selection, OEM customization, and volume pricing. We provide industrial-grade M12 connectivity solutions designed for long-term reliability in demanding applications.

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