



M12 12-Pin Female Field Wireable Assembly, Angled A-Code IP67 | Kronz

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: H1212FAV-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

- Connector Nut: Brass, Nickle-plated
- Protection Rating: IP67
- Mounting Type: Front Mounting
- Number Of Pins: 3
- Execution Standard: IEC 61076-2-101
- Coding: A
- Standard: IEC 61076-2-101

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Product Description

Industrial-grade right-angle M12 female connector for field assembly. Rugged nickel-plated metal housing, screw clamp terminals, and IP67 sealing for factory automation, sensors, and industrial networks.

Key Specifications (Schema-Ready)

Attribute	Value
Standard	IEC 61076-2-101
Connector Type	M12 12-pin Female Field Wireable Assembly
Coding	A-Code
Body Angle	Angled / 90° Right Angle
Housing Material	Metal, nickel-plated brass
Insulator Material	PA (black)
Contact Material	Brass, gold-plated
Sealing	IP67
Connection Type	Screw terminal / screw clamp
Current Rating	1.5A
Voltage Rating	30V
Cable Diameter	4–8mm
Operating Temperature	-25°C to +85°C
Contact Resistance	≤5mΩ
Insulation Resistance	≥100MΩ
Mating Cycles	>100
Model Number	H1212FAV-0

Bullet Points

- 1. IP67-Rated Field Assembly Connector** — Sealed metal housing protects against dust, water, and vibration in harsh industrial environments.
- 2. 12-Pin A-Code M12 Female Receptacle** — Standard IEC 61076-2-101 pin layout, compatible with M12 12-pin male sensors and cables.
- 3. Angled / Right-Angle Metal Housing** — 90° form factor saves space in tight panels and reduces cable strain.
- 4. Screw Terminal Connection** — Tool-free field wiring for 4–8mm cables; quick installation, reliable retention, and easy maintenance.
- 5. Rated 1.5A / 30V with Gold-Plated Contacts** — Stable signal transmission, low contact resistance (≤5mΩ), and >100 mating cycles durability.

Product Description (SEO Body Copy)

The **H1212FAV-0** is a heavy-duty **M12 12-pin female field wireable assembly** built for industrial automation and control systems. With its **angled / 90-degree** nickel-plated metal shell and **A-code** keying, this connector delivers reliable, vibration-resistant connections in factory floor, sensor, actuator, and machine-vision applications.

Designed to **IEC 61076-2-101**, the connector uses a **screw terminal** clamp system that accepts cable diameters from **4 to 8 mm**. Installation requires no crimping tools; simply strip the cable, insert the conductors, and tighten the screws. The rugged metal housing

provides **IP67 protection** against dust and temporary water immersion, while the gold-plated brass contacts ensure stable electrical performance over **more than 100 mating cycles**.

Electrical ratings are **1.5A current** and **30V voltage**, with an insulation resistance of $\geq 100\text{M}\Omega$ and contact resistance of $\leq 5\text{m}\Omega$. The operating temperature range spans **-25°C to +85°C**, making it suitable for outdoor cabinets, conveyor systems, robotics, and process control equipment.

Whether you are building a custom M12 sensor cable, repairing a field harness, or upgrading an automation panel, the **H1212FAV-0** angled 12-pin M12 field connector offers the durability, compatibility, and ease of installation that industrial engineers need.

Common applications:

- Factory automation and PLC wiring
- Industrial sensors and actuators
- Machine vision and motion control
- Robotics and conveyor systems
- Field-replaceable cable assemblies

Primary Keywords

- M12 12-pin female field wireable assembly
- M12 angled female connector
- M12 A-code connector 12 pin
- H1212FAV-0
- M12 field assembly connector
- IP67 M12 connector
- M12 12-pin right-angle connector
- Industrial M12 female connector
- M12 screw terminal connector
- M12 field attachable connector 12 pin

Long-Tail Keywords

- 12 pin M12 female field wireable connector right angle
- IP67 rated M12 12-pin A-code connector for industrial sensors
- M12 angled metal field wireable assembly 1.5A 30V
- H1212FAV-0 M12 female connector specifications
- Buy M12 12-pin screw terminal connector 4–8mm cable
- M12 A-code 12-pin female connector for factory automation
- Industrial waterproof M12 connector 90 degree female
- M12 field installable connector 12 pin gold plated contacts

LSI / Semantic Keywords

- IEC 61076-2-101 connector
- Circular industrial connector
- Sensor actuator cable
- Automation interconnect
- Panel mount connector
- Machine wiring harness
- Industrial ethernet hardware
- IP67 electrical connector
- Metal shell M12 connector
- Brass gold plated contacts



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