



## Industrial M12 Circular Connector Ambient Temperature -25- 85C Straight Cable Outlet

### Our Product Introduction

#### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: M1204DM-5-M1204DM/E301
- Minimum Order Quantity: 10
- Price: Negotiable
- Packaging Details: Polybag packing
- Delivery Time: 5-8 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 100000 pieces per month

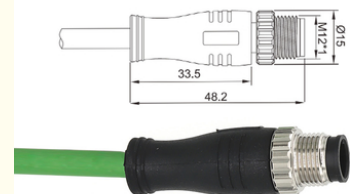
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#### Product Specification

- Mating Cycles: >100
- Degree Of Protection: IP67
- Pollution Degree: 3
- Insulation Resistance:  $\geq 100M\Omega$
- Wire Gauge: 2x2x0.25, shielded (2x2x24AWG) Blueish Green, PVC, OD=5.6
- Standard: IEC 61076-2-101
- Cable Outlet: Straight
- Contact Surface Material: Brass, Gold-plated
- Highlight: Straight Cable Outlet M12 Circular Connector, 85C M12 Circular Connector, Industrial M12 Circular Connector

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#### More Images



## Product Description

### Product Description:

The M12 Connector is a versatile and reliable Pre-molded Cable Connector designed to provide secure connections in various industrial applications. With a high degree of protection rated at IP67, this M12 Straight Cable Connector ensures optimal performance even in harsh environments.

Boasting a durable housing material made of TPU in a sleek black color, the M12 Plug Connector offers robust protection against dust, water, and other environmental factors, making it ideal for outdoor use and demanding industrial settings.

One of the key features of the M12 Connector is its impressive mating cycles, rated at over 100 cycles. This ensures long-term durability and consistent performance, reducing the need for frequent replacements and maintenance.

Equipped with a variety of rated currents including 2A, 1.5A, and 0.5A, the M12 Connector can accommodate different power requirements, making it suitable for a wide range of applications. Whether it's for transmitting power, data, or signals, this connector offers reliable connectivity for various industrial needs.

Furthermore, the M12 Connector comes with versatile coding options including D, A, and X, allowing for easy and secure connections while preventing mismatching with incompatible devices. This coding system ensures efficient and error-free installations, saving time and effort during setup.

In summary, the M12 Connector is a high-quality and dependable solution for industrial connectivity needs. With its IP67 protection, durable TPU housing, long-lasting mating cycles, multiple rated currents, and versatile coding options, this connector provides reliable and secure connections for a wide range of applications.

### Features:

M12 Connector with Pre-molded Cable

Pre-molded Cable Connector

M12 Female Connector

Voltage: 60V/30V/50V

Degree of protection: IP67

Rated current: 2A/1.5A/0.5A

Pin: 4/8

Contact nut material: Brass, Nickel-plated

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**Technical Parameters:**

----- M12 Connector Technical Parameters -----		----- Specifications -----
Degree of Protection		IP67

Housing Material	TPU, Black
Standard	IEC 61076-2-101
Rated Current	2A/1.5A/0.5A
Contact Carrier Material	PA, Black
Cable Length	2M/5M/10M
Coding	D/A/X
Insulation Resistance	≥100MΩ
Cable Material	PVC/PUR
Seal Material	FPM/FKM

## Applications:

KRONZ M12 Plug Connector, model number M1204DM-5-M1204DM/E301, is a versatile and reliable product suitable for a wide range of application occasions and scenarios. With its origins in Guangdong, China, this connector has received the CE certification, ensuring its quality and compliance with safety standards.

These M12 3 pin Connectors are ideal for use in industrial automation, machinery, sensors, actuators, and other electronic devices that require a secure and robust connection. The M12 Plug Connector is designed to provide a stable and dependable connection, making it suitable for various industrial environments.

With a minimum order quantity of 50 pieces and a negotiable price, the KRONZ M12 Connector is accessible for both small-scale and large-scale projects. The packaging details include polybag packing, ensuring that the connectors are well-protected during transportation and storage.

Thanks to its efficient delivery time of 5-8 working days, customers can rely on the timely arrival of their orders. The payment terms accepted for the M12 Connectors include T/T, Western Union, and MoneyGram, providing flexibility and convenience for customers worldwide.

With a supply ability of 100,000 pieces per month, the KRONZ M12 Plug Connector ensures a steady availability to meet the demands of various industries. The wire gauge of 2×2×0.25, shielded (2×2×24AWG) in blueish green PVC with an outer diameter of 5.6, offers durability and reliability in demanding applications.

The wire color scheme of 1=BN, 3=BU, 4=BK, along with a straight cable outlet, simplifies installation and maintenance processes. The contact resistance of ≤5mΩ and the brass, gold-plated contact surface material ensure a low resistance connection for optimal performance.

## ABOUT US

KRONZ is a manufacturing enterprise located in Zengcheng District, Guangzhou City. We focus on providing customers with high-efficiency industrial automation solutions and related industrial products. After many years of innovation and development, KRONZ has complete product processing equipment and a professional team who are proficient in various automation technologies.

In order to improve the quality of products and production efficiency, we continue to introduce advanced production equipment and technology, strengthen investment in research and development. At present, our main products include Industrial Connectors, Inductive Sensors, Capacitive Sensors, Photoelectric Sensors, Ultrasonic Sensors, Industrial power supplies, Industrial fieldbus, RFID recognition systems, Industrial Ethernet Switches

We not only produce the orders of standard products, but also have ability to make customize production based on customer design drawings or samples.

Adhering to the principle of mutual benefit, we provide our customers with competitive prices, and perfect after-sales service. KRONZ's products have been sold in multiple countries, have won the trust and praise of customers. KRONZ expect to collaborate with you.

## OUR FACTORY





# PRODUCTION PROCESS

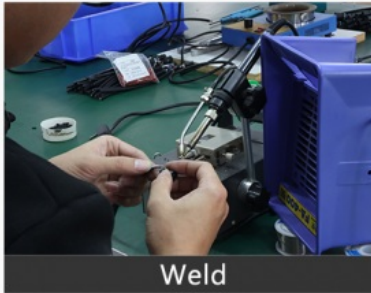
Kronz (Guangzhou) Electronics Co., Ltd.



Raw material



Detection



Weld



Injection molding



Winding



Package

## Support and Services:

The M12 Connector product technical support and services include:

- Assistance with product installation and setup.
- Troubleshooting for any connectivity issues.
- Guidance on product compatibility with different devices.
- Information on product specifications and features.
- Access to online resources such as user manuals and FAQs.
- Warranty information and support for product replacements or repairs.

# Certifications



## Packing and Shipping:

Product Name: M12 Connector

Description: High-quality M12 connector for industrial use

Package Contents: - 1 M12 Connector - User Manual

Shipping Information: - Shipping method: Standard shipping - Estimated delivery time: 5-7 business days - Shipping cost: \$5.00

# Logistics and Payment



1. Samples and small orders can be shipped with fast shipment method, by air and by express. Bulk order will ship by sea, by air, by train, by truck etc.
2. We also can send the goods to your agent warehouse.
3. If you need any more shipping method, please feel free to contact with us.



## Note:

Due to the wide range of our products, we cannot list all product pictures and corresponding product parameters. If you have other needs, please communicate with me. We can provide supplementary information and technical support. We Are Happy to Serve You.



CONTACT US

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