



## M12 connector 2M cable T-code IP67 protection used for industrial automation

Our Product Introduction

for more products please visit us on [connector-industrial.com](http://connector-industrial.com)

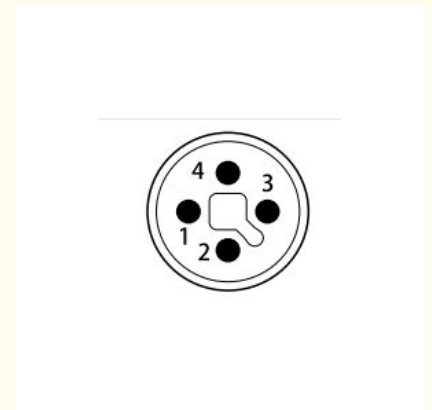
### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: M1204TM-2/P00K
- Minimum Order Quantity: 80
- 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

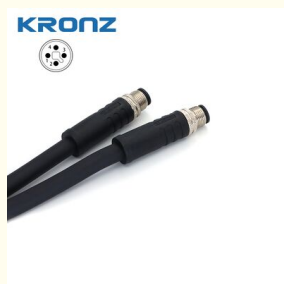


### Product Specification

- Implementation Standards: IEC 61076-2-101
- Wire Color: 1=BN 2= WH 3=BU 4=BK
- Coding System: T-CODE
- Rated Current: 12A
- Degree Of Protection: IP67
- Voltage: 63VDC
- Ambient Temperature: -25~+85
- Seal Material: FPM/FKM



### More Images



**Product Description**

**M12 T-CODE 4-core straight pre cast connector - the preferred solution for industrial automation**

Product models: M1204TM-2/P00K/M1204TM-5/P00K/M1204TM-10/P00K

Core selling points:

- ✓ 4-core power code, 12A high current carrying capacity
- ✓ IP67 waterproof and dustproof rating, suitable for harsh environments
- ✓ Gold plated contacts ensure stable signal transmission
- ✓ High flexibility PVC cable with long bending resistance and lifespan

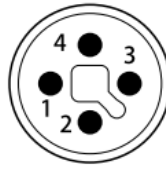
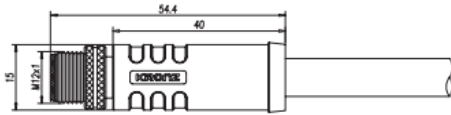


**COMPLETE SPECIFICATIONS OF 4/5 CORES**



\*THE COLOR OF THE PRE CAST WIRE AND THE COLOR OF THE PLUG CAN BE CUSTOMIZED.

## Technical Specifications



Standard	IEC 61076-2-101
Contact Nut Material	Alloy, Brass, nickel-plated
Contact Surface Material	Alloy, Brass, gold-plated
Contact Carrier Material	Plastic, PA, black
Housing Material	Plastic, TPU, black
Seal Material	FPM/FKM
Insulation Resistance	$\geq 100M\Omega$
Contact Resistance	$\leq 5m\Omega$
Pollution Degree	3
Ambient Temperature	-25~+85
Mating Cycles	>100
Degree of Protection	IP67

## Product advantages and features

### 6 REASONS TO CHOOSE US

Providing you with the best protection



### Why choose KRONZ M12 T-CODE connector?

#### Stable performance

Gold plated contacts ensure low contact resistance and excellent conductivity

Copper core nickel plated connectors provide excellent oxidation resistance

Insulation resistance  $\geq 100M\Omega$  to ensure signal transmission quality

#### Excellent mechanical performance

High flexibility PVC cable material with small bending radius

Stretch resistant and wear-resistant design, suitable for frequent mobile applications

Injection molding process ensures connection reliability

#### IP67 protection level

Completely dust-proof, can be immersed in water for a short period of time

Suitable for harsh environments such as outdoor, humid, and dusty conditions

FPM/FKM sealing material, temperature resistance range -25 ° C to+85 ° C

Quality Assurance System

Compliant with IEC 61076-2-101 international standard

Contact resistance  $\leq 5m \Omega$

Mechanical life cycle>100 insertions and removals



## Product Overview

The KRONZ M12 T-CODE 4-core straight pre cast connector is designed specifically for power and sensor applications in the industrial automation field. Adopting the IEC 61076-2-101 international standard, we provide a reliable 4-core power connection solution. This product has a current carrying capacity of 12A and a working voltage of 63VDC, suitable for power connection of various industrial equipment such as PLCs, sensors, and actuators.

Core technical parameters

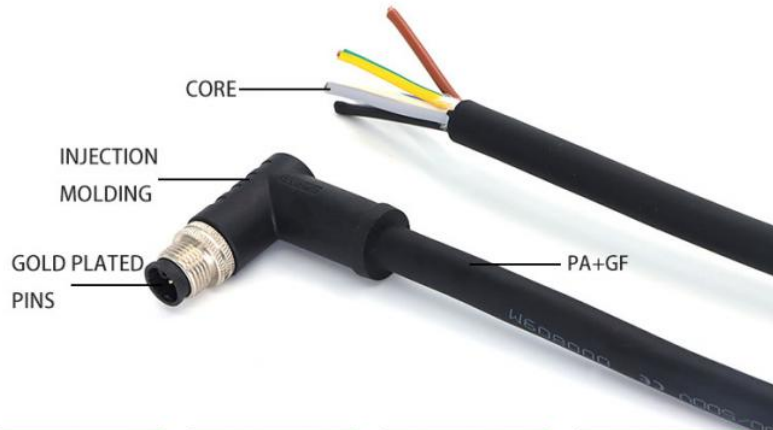
Encoding type	T-CODE
Pin quantity	4 cores
Rated current	12A
Working voltage	63VDC
Cable specification	4 * 1.5mm <sup>2</sup> (4 * 16AWG) black PVC
Connector type	Straight male/female optional
Protection level	IP67
Optional length	2M/5M/10M or customized

Analysis

# PRODUCT ANALYSIS

MORE COMPREHENSIVE UNDERSTANDING OF THE PRODUCT

PVC MATERIAL WITH HIGH FLEXIBILITY AND BENDING RESISTANCE



## Application scenarios

### Typical application areas

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- Industrial automation control system
- PLC module power connection
- Sensor and actuator power supply
- Robot control system
- Packaging machinery and equipment
- Food processing equipment (compliant with hygiene requirements)
- Logistics conveying system

# Degree of protection IP67 Waterproof and dustproof

Durable, Waterproof, Dustproof



PRODUCT NAME	SERIES PRODUCT DISPLAY Pre-assembled cable M12 -- Power series
<p>Straight</p> <p>Male and female options available</p>	
<p>Angled</p> <p>Male and female options available</p>	

\*There are many product categories, only some products are displayed.  
If you need other products, please contact customer service and send the product catalog

## Ordering and Customization

### Standard Model List

# INDUSTRIAL CONNECTOR PARAMETER TABLE

THE STANDARD LENGTH IS 2/5/10 METERS, AND ANY LENGTH CAN BE CUSTOMIZED

model	length	Specifications
M1204TM-2/P00K	2M	5-core T-CODE straight type
M1204TM-5/P00K	5M	5-core T-CODE straight type
M1204TM-10/P00K	10M	5-core T-CODE straight type

## customized service

- Support customization of any length: 2M/5M/10M or any length
- Cable material options: P00K (PVC black)/P01K (PUR black)
- Code system: T-CODE/K-CODE/S-CODE/L-CODE/L-CODE
- Model: Straight or Curved
- Interface: Male/Female
- Wire gauge: PVC.PUR
- Pre cast wire color can be customized
- Customized production based on customer drawings or samples
- Provide professional technical consultation

## Your Trusted Partner in Industrial Automation

KRONZ is a manufacturing enterprise located in Zengcheng District, Guangzhou, China. For many years, we have been dedicated to providing customers with efficient industrial automation solutions and related industrial products.

**Core products:** Industrial connectors, inductive/capacitive/optoelectronic/ultrasonic sensors, industrial power supplies, industrial fieldbus, RFID recognition systems, and industrial Ethernet switches.

**R&D and production:** We have complete product processing equipment and a professional team proficient in various automation technologies. In order to improve product quality and production efficiency, we continue to introduce advanced production equipment and technology, and constantly strengthen research and development investment.

**Customization capability:** We not only produce standard products, but also have strong customization production capabilities, which can produce according to customers' design drawings or samples.

**Service philosophy:** Adhering to the principle of mutual benefit and win-win, we provide customers with competitive prices and perfect after-sales service. KRONZ's products have been sold to multiple countries and have won the trust and praise of customers.

# 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



## Secure Payment & Fast Shipping Worldwide

We provide flexible and convenient payment methods and a global logistics network to ensure the safety and fast delivery of your goods.

**Payment Methods:** We support various international payment methods such as PayPal, Western Union, T/T (telegraphic transfer), MoneyGram, etc. to ensure transaction security.

**Shipping Partners:** We maintain long-term partnerships with top logistics companies such as TNT, UPS, SF Express,

FedEx, EMS, DHL, etc.

Transportation instructions:

**Samples and small batch orders:** We use fast shipping methods, including air freight and express delivery, to ensure that you receive the products for testing as soon as possible.

**Large scale orders:** You can choose sea freight, air freight, railway or truck transportation according to your needs, providing you with the most cost-effective logistics solution.

**Proxy shipping:** We can directly send the goods to your designated proxy warehouse.

**Customized service:** If you need special transportation methods, please feel free to contact us at any time.

## 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.



### Technical Support & Services

- Expert technical assistance for product selection and configuration
- Installation guidance and support
- Troubleshooting and issue resolution
- Product warranty and repair services
- Training and education resources
- Customized solutions for unique application needs



### 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.



**KRONZ** Kronz (guangzhou) Electronics Co., Ltd.

 +8618924160375

 sales02@kronz.cn

 connector-industrial.com

Floor 7, Building 12B, Hanhe Robot Intelligent Manufacturing Base Exhibition Center, Xiangshan Avenue,  
Zengcheng Economic Development Zone, Guangzhou, Guangdong Province, China