



## M12 Connector with Pre-molded Cable 250V IP67 Automation Sensor Connectors

Our Product Introduction

### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: M1204M-1/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

- Wire Color: 1=BN 2=WH 3=BU 4=BK
- Rated Current: 3A
- Degree Of Protection: IP67
- Housing Material: TPU, Black
- Ambient Temperature: -25~+85
- Contact Surface Material: Brass, Gold-plated
- Mating Cycles: >100
- Seal Material: FPM/FKM
- Highlight: ip67 m12 connector, ip67 m12 female connector, molded cable m12 connector



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## Product Description

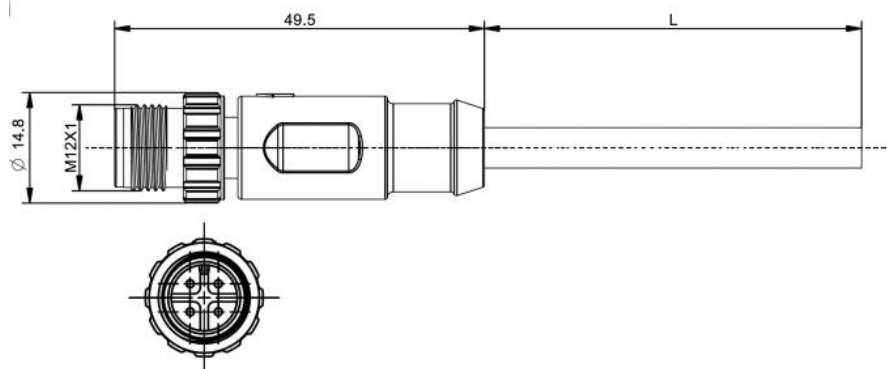
### M12 Connector with Pre-molded Cable 250V IP67 Automation Sensor Connectors

#### Product Description

The M12 Connector is made with high-quality materials to ensure durability and performance. The contact carrier material is made of PA in black, which is a tough and impact-resistant plastic that can withstand harsh conditions. The wire color is BN, WH, BU, and BK for easy identification and installation. The seal material is made of FPM/FKM, which provides excellent resistance to oils, fuels, and other chemicals.


The contact surface material of the M12 Connector is made of brass, which is an excellent conductor of electricity. It is also gold-plated to ensure a reliable and low-resistance connection. The contact nut material is made of brass and nickel-plated to provide resistance to corrosion and wear.

The M12 Connector is designed to meet the demands of industrial applications. It has a high degree of ingress protection, making it resistant to dust and water. It also has a high mating cycle rating, which means it can withstand frequent mating and unmating without losing its performance or reliability.



#### Technical Data

Standard	IEC 61076-2-101
Contact nut material	Brass, nickel-plated
Contact surface material	Brass, gold-plated
Contact carrier material	PA, black
Housing material	TPU, black
Seal material	FPM/FKM
Insulation resistance	$\geq 100\text{M}\Omega$
Contact resistance	$\leq 5\text{m}\Omega$
Pollution degree	3
Ambient temperature	-25~+85
Mating cycles	>100
Degree of protection	IP67

Pin assignment	Connec tion method	Coding	Rated current	Voltage	Wire gauge	Cable outlet	Length	Model No.
	1=BN 2=WH 3=BU 4=BK	A	4A	250V	4×0.34 (4×22AWG) PVC, black	Straigh t	1M	M1204M-1/P00K

#### Customization

The M12 Connector with Pre-molded Cable is a male connector, complying with the standard IEC 61076-2-101, and has a rated current of 4A and voltage of 250V. It has a mating cycle of more than 100 cycles and is made of TPU housing material in black.

For customizations, please contact our sales team to discuss your requirements and specifications.

#### Support and Services

The M12 Connector product technical support and services include:

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

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