



M12 Connector with Pre-molded PVC Cable Unshielded Female 4A IP67 Circular Connector

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: M1204F-2/P00K
- Minimum Order Quantity: 50
- 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

- Cable Length: 1M/2M/3M/5M/10M/15M
- Wire Gauge: 3×0.34 (3×22AWG) PVC, Black
- Ambient Temperature: -25~+85
- Pin: 3
- Insulation Resistance: $\geq 100\text{M}\Omega$
- Wire Color: 1=BN 3=BU 4=BK
- Coding: A
- Contact Nut Material: Brass, Nickle-plated
- Highlight: ip67 m12 connector, ip67 m12 female connector, circular m12 connector



Product Description

M12 Connector with Pre-molded PVC Cable Unshielded Female 4A IP67 Circular Connector

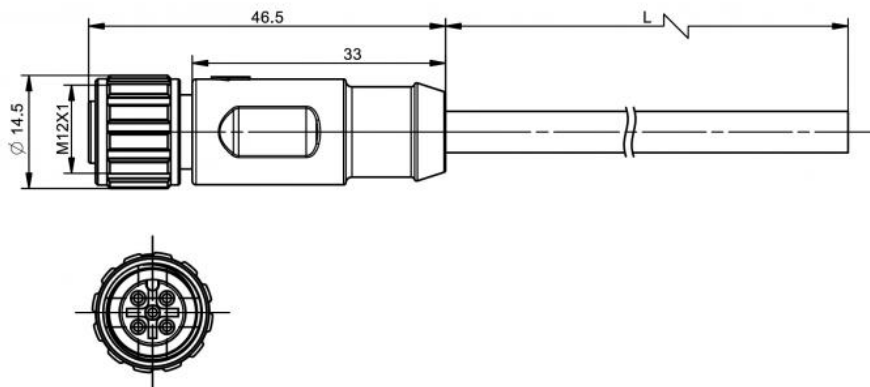
Product Description

With a degree of protection of IP67, this M12 Male Connector is designed to withstand harsh environments and provide reliable performance in the face of dust, water, and other contaminants. It ensures consistent and stable communication between devices, even in demanding industrial settings.

The housing material of this M12 Connector is made of TPU in black color, which is a durable and long-lasting material with excellent resistance to wear and tear. It provides a high level of protection and ensures that the connector can withstand exposure to various environmental factors without compromising its performance.

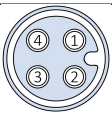
The M12 Cable Connector conforms to the IEC 61076-2-101 standard, which ensures that it meets the latest industry requirements for performance and safety. It is a high-quality product that is built to last, ensuring that your industrial automation system can operate smoothly and efficiently.

This M12 Connector is rated for a voltage of 250V, making it suitable for a wide range of applications. It can be used in various industrial settings, including manufacturing, automation, and robotics, to connect devices and transmit data and power signals.



Technical Data

Standard	IEC 61076-2-101
Contact nut material	Brass, nickle-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	Wire color	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	Straight	2M	M1204F-2/P00K

Application

The M12 Connector is ideal for different product application occasions, such as in industrial automation, robotics, and machinery. The M12 Plug Connector has a mating cycle of more than 100, which means that it can be plugged and unplugged more than 100 times without any damage to the connector. This makes it a durable and reliable product for industrial use.

The contact nut material is made of brass and is nickel-plated, while the contact carrier material is made of PA and is black.

The contact resistance of the M12 Connector is less than or equal to 5mΩ, which ensures efficient and reliable transmission of signals.

The M12 Cable Connector is suitable for different scenarios such as in harsh environments, where the product's water resistance and dust resistance features make it ideal for use. The product can be used in different industries such as food and beverage, pharmaceuticals, and chemical manufacturing, where hygiene is vital.

Support and Services

The M12 Connector product comes with extensive technical support and services to ensure optimal performance and customer satisfaction. Our team of experts is available to provide assistance with installation, troubleshooting, and maintenance of the connectors.

We also offer repair and replacement services for damaged or malfunctioning connectors. Our service technicians are highly

trained and equipped with the necessary tools and parts to quickly resolve any issues.

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