



M12 Female Connector IP67 3-pin 2 Meter Pre-assembled Cable PVC Sensor Connector

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: M1203F-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

- Insulation Resistance: $\geq 100\text{M}\Omega$
- Coding: A
- Wire Gauge: 3×0.34 (3×22AWG) PVC, Black
- Pollution Degree: 3
- Housing Material: TPU, Black
- Contact Nut Material: Brass, Nickle-plated
- Contact Carrier Material: PA, Black
- Wire Color: 1=BN 3=BU 4=BK
- Highlight: **m12 female connector ip67,**
ip67 m12 connector female



Product Description

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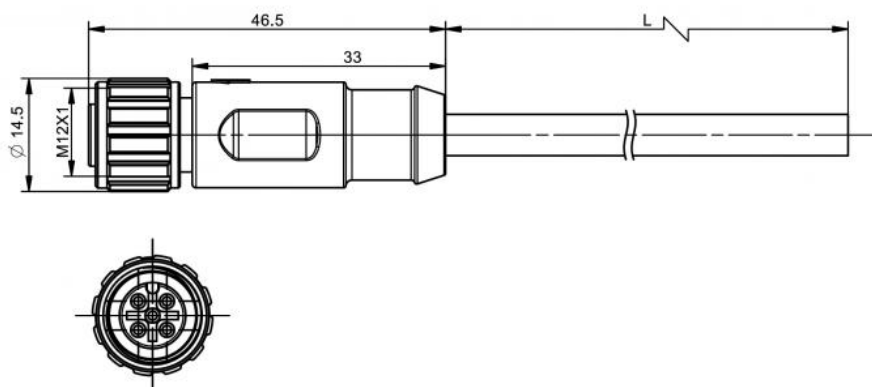
Product Description

The M12 Cable Connector is designed to be easy to install, with a simple, user-friendly design that makes it easy to connect and disconnect your cables. This connector features a three-pin design, making it ideal for use in a range of different applications, including industrial automation, robotics, and more. It also has a high voltage rating of 250V, making it suitable for use in a range of different environments and settings.

The M12 Cable Connector is constructed from high-quality materials, including TPU, which is a durable and long-lasting material that is resistant to damage from the elements. The black housing of the connector is also designed to be resistant to pollution, with a pollution degree rating of 3, making it ideal for use in harsh environments where pollution is a concern.

In addition to its high-quality construction, the M12 Cable Connector is also designed to be highly durable and long-lasting, with a mating cycle rating of over 100 cycles. This means that it can be used repeatedly without losing its effectiveness or reliability, making it a great choice for use in a range of different applications.

In conclusion, the M12 Connector is a versatile and reliable connector that is perfect for use in a wide range of different applications. Whether you need a M12 Female Connector or a M12 Cable Connector, this high-quality connector is sure to meet your needs and exceed your expectations. With its durable construction, high voltage rating, and pollution resistance, it is the perfect choice for use in harsh environments and settings.



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	Wire color	Coding	Rated current	Voltage	Wire gauge	Cable outlet	Length	Model No.
	1=BN 3=BU 4=BK	A	4A	250V	3×0.34 (3×22AWG) PVC, black	Straight	2M	M1203F-2/P00K

Applications

One of the key features of the KRONZ M12 Connector is its versatility. With a voltage rating of 250V, it can be used in a variety of different scenarios, from industrial machinery and automation to transportation and communication systems. The connector's TPU housing material and FPM/FKM seal material make it resistant to dust, moisture, and other harsh environmental conditions, ensuring that it will continue to function properly even in challenging environments.

The KRONZ M12 Connector is also designed for ease of use. Its pre-molded cable design means that it can be quickly and easily connected to other devices, saving time and effort in installation and maintenance. And with an insulation resistance of $\geq 100\text{M}\Omega$, you can be sure that your connections will be secure and reliable.

Some of the specific application occasions and scenarios where the KRONZ M12 Connector can be used include:

Industrial machinery and automation: The M12 Connector is ideal for connecting sensors, motors, and other components in manufacturing and industrial settings. Its rugged design and resistance to environmental factors make it a reliable choice in these demanding environments.

Transportation systems: Whether you're designing a train, a bus, or a vehicle, the M12 Connector is a great choice for connecting electronic components. Its small size and easy installation make it a convenient option, while its resistance to dust and moisture ensures that it will continue to function properly even in harsh outdoor environments.

Communication systems: The M12 Connector is also a popular choice for connecting communication equipment, such as antennas and radios. Its reliable connections and resistance to environmental factors make it a great choice for outdoor and remote locations.

In conclusion, whether you need to connect electronic components in an industrial setting, a transportation system, or a communication network, the KRONZ M12 Connector is a versatile and reliable choice. With its pre-molded cable design, resistance to environmental factors, and high-quality materials, this connector is sure to meet all your connectivity needs.

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