



M12 Connector with 3 Pin Unshielded Cable for Harsh Environments up to 85.C

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: M1204F-3/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

KRONZ



Product Specification

- Wire Color: 1=BN 2=WH 3=BU 4=BK
- Voltage: 250V
- Standard: IEC 61076-2-101
- Degree Of Protection: IP67
- Housing Material: TPU, Black
- Pollution Degree: 3
- Pin: 4
- Ambient Temperature: -25~+85
- Highlight: ip67 m12 connector, ip67 m12 female connector, iec 61076-2-101 m12 connector

KRONZ



Product Description

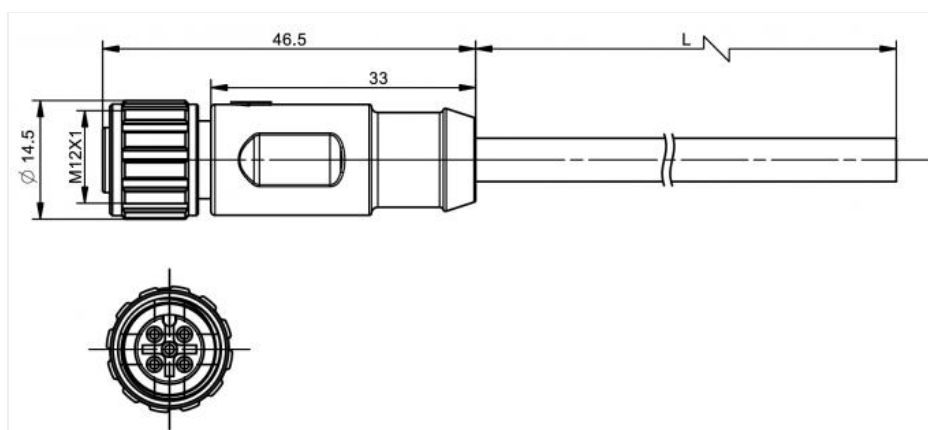
M12 Connector with 3 Pin Unshielded Cable for Harsh Environments up to 85°C

Key Specifications

Attribute	Value
Wire color	1=BN 2=WH 3=BU 4=BK
Voltage	250V
Standard	IEC 61076-2-101
Degree of protection	IP67
Housing material	TPU, Black
Pollution degree	3
Pin	4
Ambient temperature	-25~+85

Product Overview

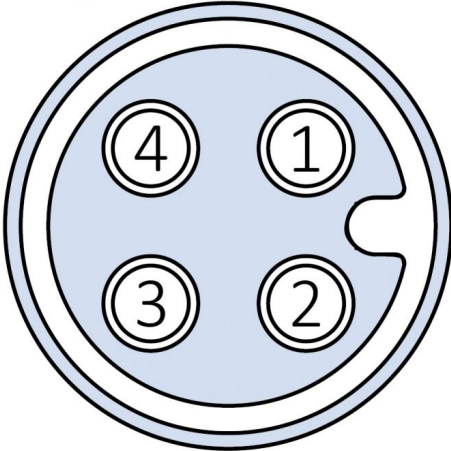
The M12 Connector with Pre-molded Cable offers a time-saving solution for industrial installations, eliminating the need for additional wiring or assembly. Designed for harsh environments, it features durable TPU housing and reliable brass nickel-plated contacts.



Technical Specifications

Parameter	Specification
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 Configuration

Pin assignment	Wire color	C o d i n g	Ra t e d c u r r e n t	V o l t a g e	Wire gauge	Cab le o u t l e t	L e n g t h	Model No.
	1=BN 2=WH 3=BU 4=BK	A	4A	2 5 0 V	4×0.34 (4×22AWG) PVC, black	Straight	3 M	M120 4F- 3/P00 K

Applications

- Industrial automation systems
- Process control equipment
- Robotics and machinery
- Transportation systems
- Harsh environment sensor connections

The M12 Connector is CE certified and designed for reliable performance in demanding conditions, featuring gold-plated contacts for optimal signal transmission and corrosion resistance.

Frequently Asked Questions

Where is this product manufactured?

This product is manufactured in Guangdong, China.

Does this product have any certifications?

Yes, this product is CE certified.

What is the minimum order quantity?

The minimum order quantity is 50 pieces.

Is the price negotiable?

Yes, we offer different prices according to quantity.

What is the packaging?

Polybag packing with export carton.

What is the delivery time?

5-8 working days for MOQ 50pcs (contact for larger quantities).

What payment methods are accepted?

T/T, Western Union, and MoneyGram.

What is the production capacity?

100,000 pieces per month.

