



M12 Male Angled Precast Connector with L-CODE 12A Rated Current and IP67 Protection for Industrial Automation

Our Product Introduction

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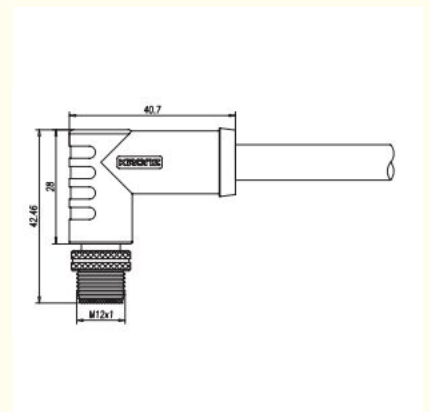
Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: M1205LMA-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

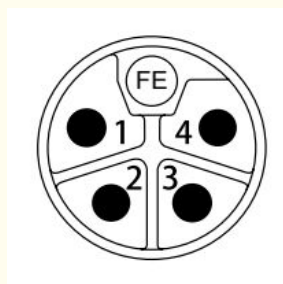


Product Specification

- Implementation Standards: IEC 61076-2-101
- Wire Color: 1= BN 2= WH 3= BU 4= BK 5= GY
- Coding System: L-CODE
- Rated Current: 12A
- Degree Of Protection: IP67
- Housing Material: Plastic, TPU, Black
- Ambient Temperature: -25~+85
- Contact Surface Material: Alloy, Copper Zinc, Gold Plated
- Mating Cycles: >100
- Seal Material: FPM/FKM
- Line Gauge: 4x1.5 (4x16AWG) Black PVC



More Images

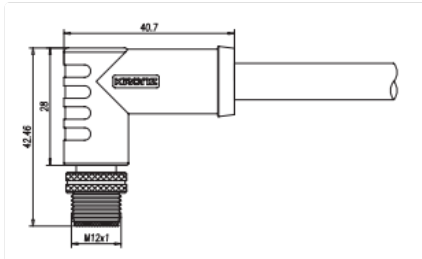


Product Description

M12 Male Molded Cable, Angled L-coded, 5-core (4+FE), Precast 4x16AWG, Black PVC, 630VAC, IP67 2M/5M/10M

Product Overview

KRONZ M12 Male Angled, Precast Connector K-CODE 630VAC IP67 Gold-Plated Contacts for Automation Sensors. The M12 male elbow type, pre-cast connector is specially designed for industrial automation, sensors and harsh environment applications. It features a 90° elbow structure and pre-cast integrated molding process, providing both compact space adaptability and high reliability.



Construction Materials

Nickel-plated alloy copper connecting nut for strength and corrosion resistance; gold-plated alloy copper contacts for stable signal transmission; black PA plastic contact carrier; black TPU plastic clamping base.

Environmental Protection

FPM/FKM sealing material achieves IP67 protection, effectively resisting dust intrusion and short-term water immersion, meeting industrial environment requirements of pollution level 3.

Performance Features

Low contact resistance ($\leq 5m\Omega$), insulation resistance $\geq 100M\Omega$, mechanical life exceeding 100 plug-and-unplug cycles, wide temperature range from $-25^{\circ}C$ to $+85^{\circ}C$.

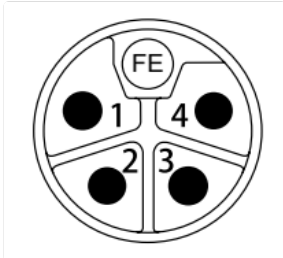
Technical Specifications

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	$-25\sim+85$
Mating Cycles	>100
Degree of Protection	IP67

Pin Assignment & Configuration

Pin Assignment	1= BN 2= WH 3= BU 4= BK 5= GY
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Coding System	L-CODE
Rated Current	12A
Voltage	63VAC
Wire Gauge	4*1.5 (4*16AWG) PVC, black
Cable Outlet	Straight
Length	2M
Model No.	M1205LMA-2/P00K



Application Examples

Analysis

PRODUCT ANALYSIS

MORE COMPREHENSIVE UNDERSTANDING OF THE PRODUCT

PVC MATERIAL WITH HIGH FLEXIBILITY AND BENDING RESISTANCE



6 REASONS TO CHOOSE US

Providing you with the best protection



STABLE PERFORMANCE



TENSILE AND WEAR-RESISTANT



TECHNICAL SUPPORT



QUALITY ASSURANCE



FAST DELIVERY



INTIMATE SERVICE

KRONZ

PRODUCT DETAILS

STRENGTH FACTORY QUALITY ASSURANCE



COPPER CORE GOLD-PLATED COLD RESISTANT AND HEAT-RESISTANT EXQUISITE CRAFTSMANSHIP

Degree of protection IP67 Waterproof and dustproof

Durable, Waterproof, Dustproof



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

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

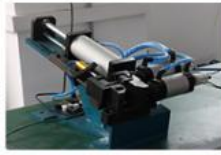
PRODUCTION PROCESS



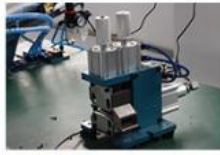
1.Raw Material



2.Trim The Wire



3.Peel The Skin



4.Peel The Inner Skin



5.Welding



6.Injection Molding
(inner film)



7.Injection Molding
(outer film)



8.Detection



9. Labeling



10.Coiling



11.Seal the bag



12.Packing

COMPANY CERTIFICATE



Customization Options

INDUSTRIAL CONNECTOR

PARAMETER TABLE

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

The M12 Connector with Pre-molded Cable is a male connector compliant with IEC 61076-2-101 standard, rated for 12A current and 630VAC voltage. Constructed with TPU housing material in black and designed for over 100 mating cycles.

For custom specifications and requirements, please contact our sales team to discuss your specific application needs.

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

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