M12 Cable Connector Male Aviation Socket with 1m Wire Open 12mm Panel Mount Plug

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: F1204M-1F/M16C
- Minimum Order Quantity: 50 pieces
- 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

- Connection: Screw Clamping
- Termination: Crimp Contact
- Operating Temperature: -40 ~+80
- Polluting Voltage: 250V AC/DC
- Operating Current: 4A
- Contact Resistance: ≤5 MΩ

More Images

Our Product Introduction

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Product Description

M12 Panel Mount Connector 4-Pin Male Front Mounting M16 x 1.5

This robust 4-pin, male, A-coded M12 connector is engineered for secure panel integration. Its rear-panel mounting with front-locking nut ensures easy installation and a reliable, vibration-resistant hold. The M16 rear thread provides compatibility with standard mounting holes and offers excellent strain relief for connected cables.

Ideal for industrial automation, sensors, and control systems, this connector guarantees a secure power and signal transmission link. Its IP67 rating ensures protection against dust and moisture in challenging environments. The A-coded design prevents mismating with other M12 families, ensuring system integrity.

Type: Male, A-coded

Contacts: 4-pin

Mounting: Rear panel, front locking

Rear Thread: M16

Performance: Reliable and durable

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STABLE PERFORMANCE	HIGH COST PERFORMANCE	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

PRODUCT ANALYSIS

MORE COMPREHENSIVE UNDERSTANDING OF THE PRODUCT

M12 PANEL MOUNT CONNECTORS INSTALLATION DIAGRAM

ROTATING IN

ROTATING IN

SCREW IN THE NUT IN THIS DIRECTION

FRONT MOUNTING

REAR MOUNTING

CONNECTION TYPE

PCB VERSION

SOLDER CUP

PRE-ASSEMBLED

CONNECTION DISPLAY

HEAT SHRINK TUBING BUILT IN GLUE FILLING

CONNECTION DISPLAY
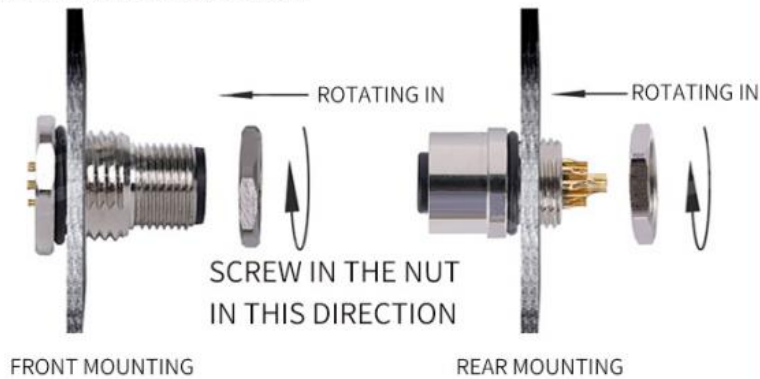
CONNECTION DISPLAY

ELECTRONIC WIRE TAILSOLUTION

Diverse choices, supporting customization

Flat cutting

Peel and solder

crimp terminal

Rubber shell terminal connector

PRODUCT NAME

**Solder cup
Rear mounting
Male and female
options available**

**PCB version
Front mounting
Male and female
options available**

**PRE-assembled
Front mounting
Male and female
options available**

*There are many product categories, only some products are displayed.
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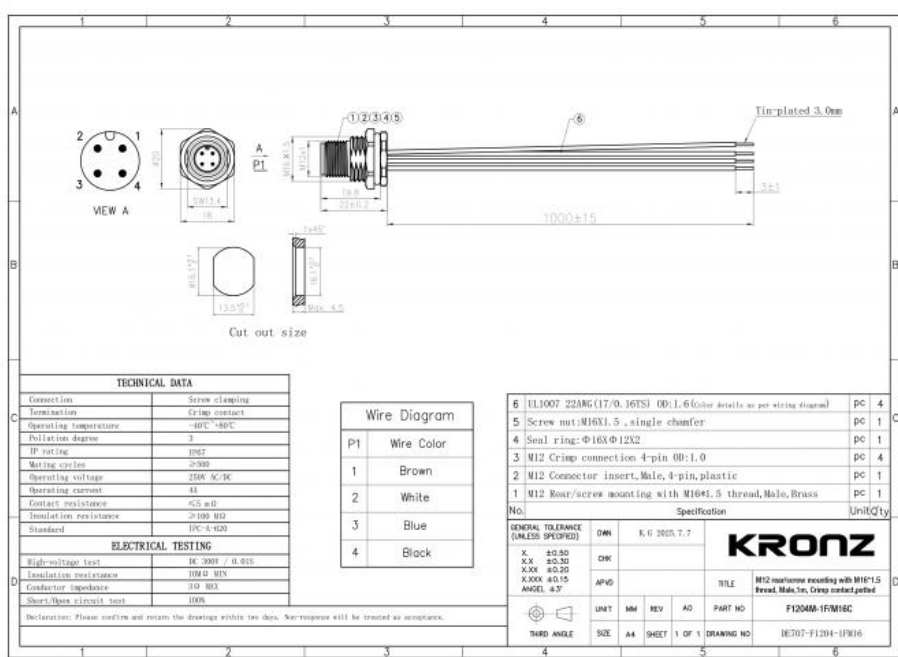product catalog

INDUSTRIAL CONNECTOR

PARAMETER TABLE

VIEW A

Tin-plated 3.0mm

1000±15

Cut out size

TECHNICAL DATA	
Connection	Screw clamping
Termination	Crimp contact
Operating temperature	-40℃~+80℃
Pollution degree	3
IP rating	IP67
Mating cycles	≥500
Operating voltage	250V AC/DC
Operating current	4A
Contact resistance	≤5 mΩ
Insulation resistance	≥100 MΩ
Standard	IPC-A-620

ELECTRICAL TESTING	
High-voltage test	DC 200V / 0.01S
Insulation resistance	10MΩ MIN
Conductor Impedance	3Ω MAX
Short/Open circuit test	100%

Wire Diagram	
P1	Wire Color
1	Brown
2	White
3	Blue
4	Black

No.	Specification	Unit	Q'ty
6	UL1007 22AWG(17/0.16TS) OD:1.6(Color details as per wiring diagram)	pc	4
5	Screw nut:M16X1.5 , single chamfer	pc	1
4	Seal ring: Φ16X Φ12X2	pc	1
3	M12 Crimp connection 4-pin OD:1.0	pc	4
2	M12 Connector insert, Male, 4-pin, plastic	pc	1
1	M12 Rear/screw mounting with M16X1.5 thread, Male, Brass	pc	1

GENERAL TOLERANCE (UNLESS SPECIFIED)		DWN	K.G 2005.7.7				**KRONZ**	
X. ±0.50 X.X ±0.30 X.XX ±0.20 X.XXX ±0.15 ANGEL ±3°		CHK						
		APVD				TITLE	M12 rear/screw mounting with M16*1.5 thread, Male,1m, Crimp contact,potted	
THIRD ANGLE		UNIT	MM	REV	A0	PART NO	F1204M-1F/M16C	
		SIZE	A4	SHEET	1 OF 1	DRAWING NO	DE707-F1204-1FM16	

Declaration: Please confirm and return the drawings within two days. Non-response will be treated as acceptance.

COMPANY CERTIFICATE

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