



Hoonsun

ZhejiangHongxiag Connector Co. Ltd.

Crimp Force Monitor

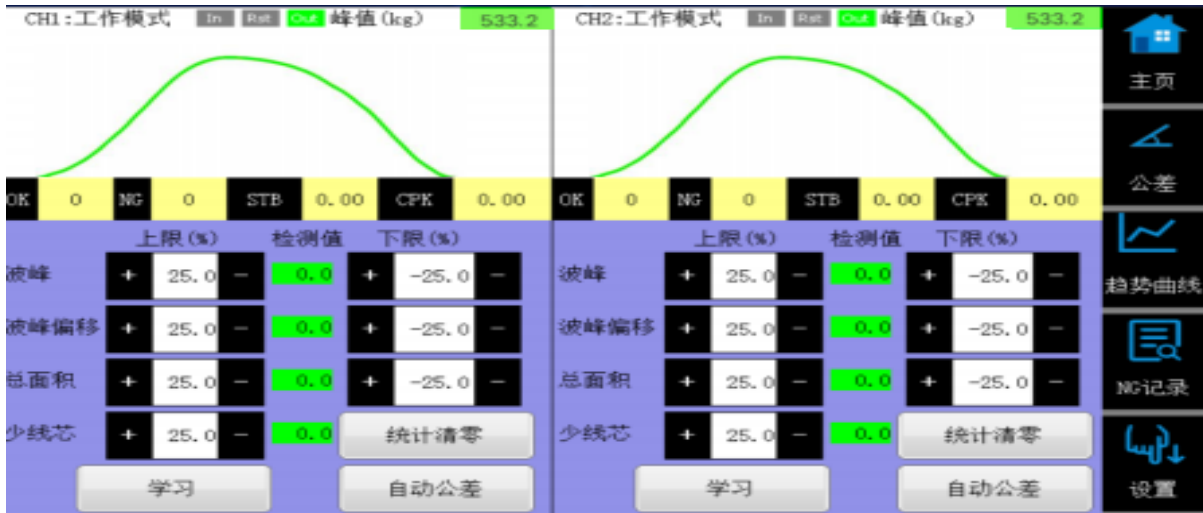
-CFM

Zhejiang Hongxiang Connector Co. Ltd.

- Zhejiang Hongxiang Connector Co. Ltd. was founded in 2006 with a registered capital of 5 million yuan. And In 2018 , It is a high-tech company which integrating research and development, production and sales. There are more than 100 employees in the company and it is equipped with professional sales team and workshop management team.
- The company is mainly aimed at the global sales of cable connectors and accessories for various materials. After more than nineteen years of development, it has provided thousands of customers with high-quality product experience. We always pursued the most cost-effective products.
- In 2024, Hongxiang Connector has significantly broadened its business scope by introducing a new product line, the CFM (Cable and Fiber Management) solutions. This strategic expansion aims to enhance the efficiency of wire harness crimping processes for clients while simultaneously reducing their production costs.
- The idea of company is “customer first : We solve the problems for customers in time ,due to the customer is the parents of food and clothing . Pursue quality : only imperfect products, no critical customers. Be optimistic and positive : never give up when encountering difficulties and setbacks, and constantly motivation ourselves.” This mission is keeping improving the cable connector industry. We have established a good reputation in the industry and won the praise of all customers.

RP-CFM-WG01/WG02

Single Channel/Double Channel (external)



RP-CFM-WG01/WG02

Single Channel/Double Channel (external)

★ Can effectively detect defects in the terminal crimping process, including film biting into the crimping position, broken copper wire, changes in crimping size, terminal deformation, mold damage, etc.

★ Can be used in a variety of automatic or semi-automatic crimping machines, easy to use, simple operation.

★ Combined with the upper software, it can achieve functions such as data query and data export.

★ Advanced pressure curve algorithm provides high-precision defect detection and reduces false alarms.

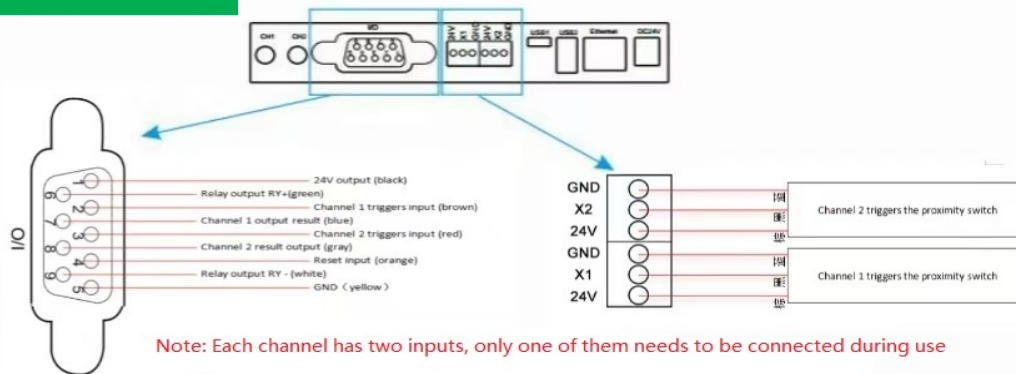
★ Multi learning template switching function, which enables multiple wires to be connected to the same terminal, with each wire having its own learning curve.

parameter		
communication	Ethernet communication	UDP protocol is supported
	USB port	Firmware upgrades
IO	5 input IO inputs	Trigger input, alarm reset, etc
	2 outputs	Result output
	1 relay output	The result is an output signal that can be used as a semi-automatic press disconnect pin
power supply	Mains power supply	24VDC \pm 10%
	I/O part	24VDC \pm 10%
Working environment	Operating temperature	0°C~50°C
	Storage temperature	-20°C~80°C
	humidity	5~85%RH,Non-condensing

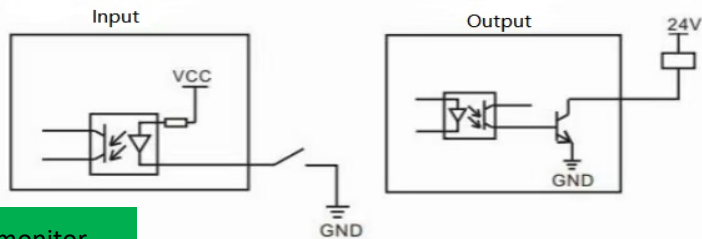
RP-CFM-WG01/WG02

Single Channel/Double Channel (external)

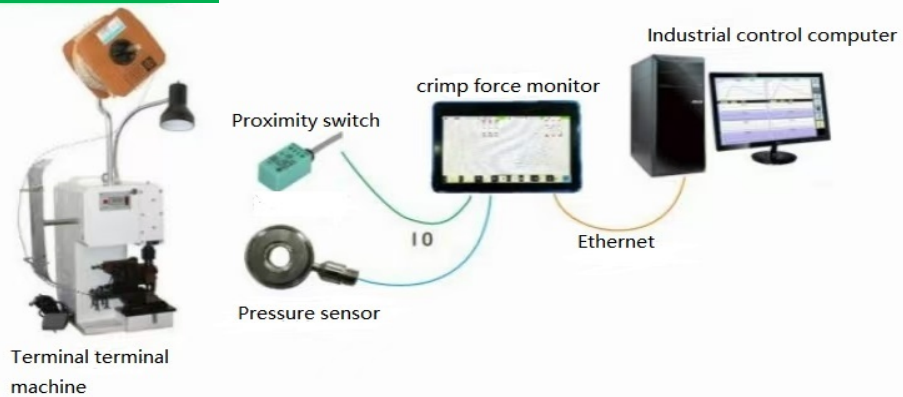
Wiring diagram



IO internal circuit

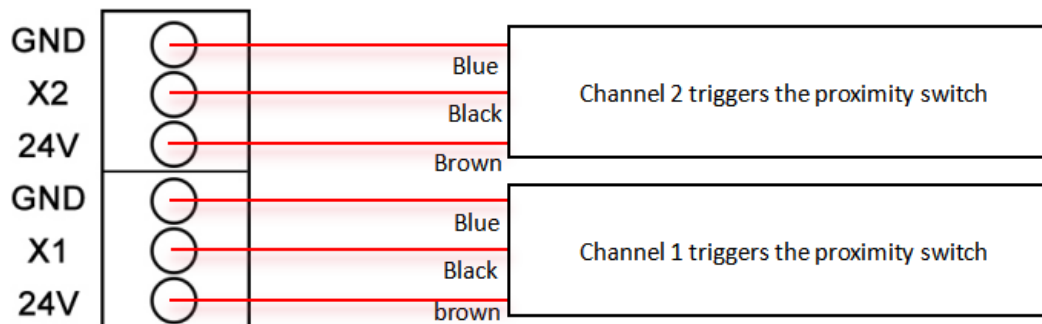
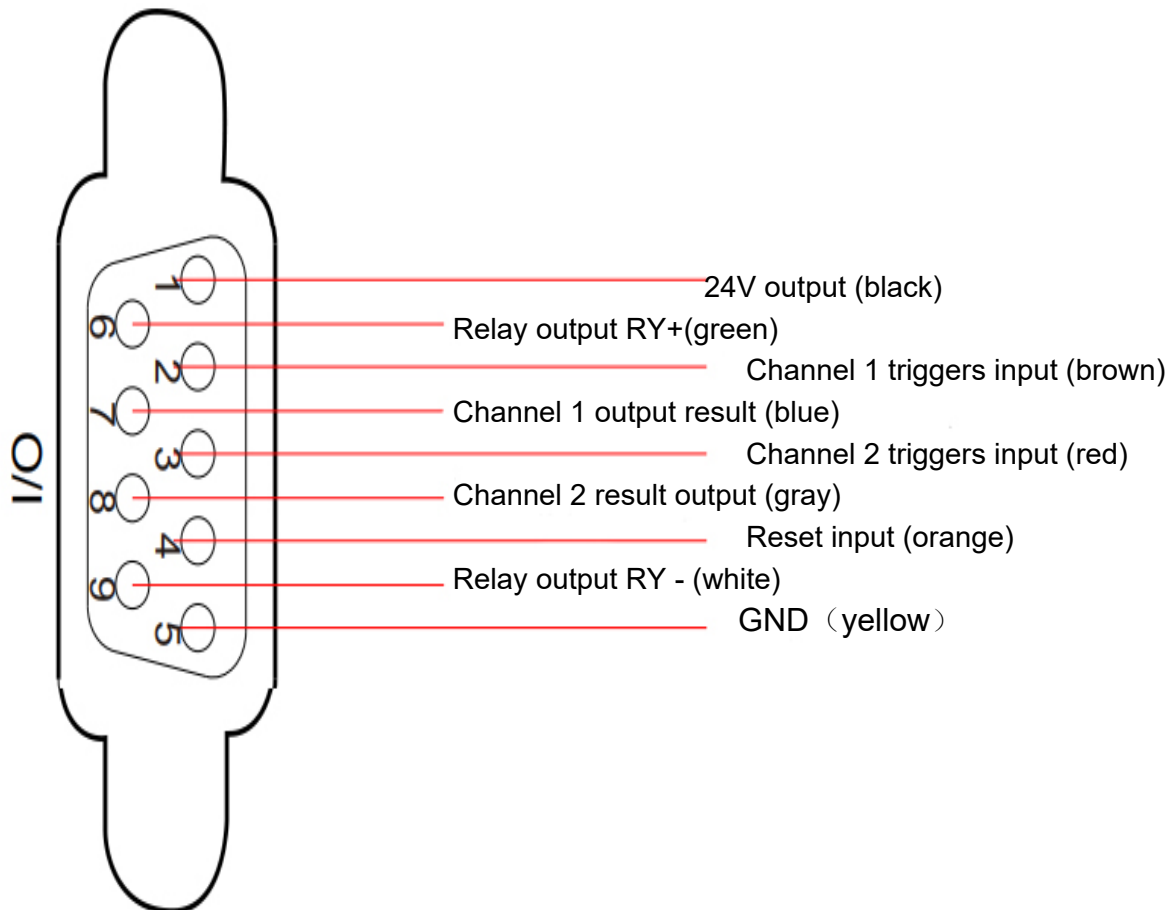


Crimp force monitor



RP-CFM-WG01/WG02

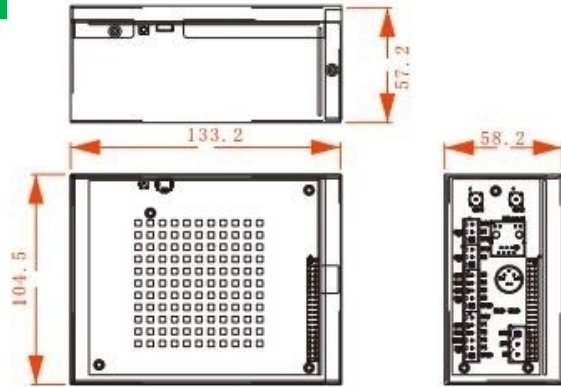
Single Channel/Double Channel (external)



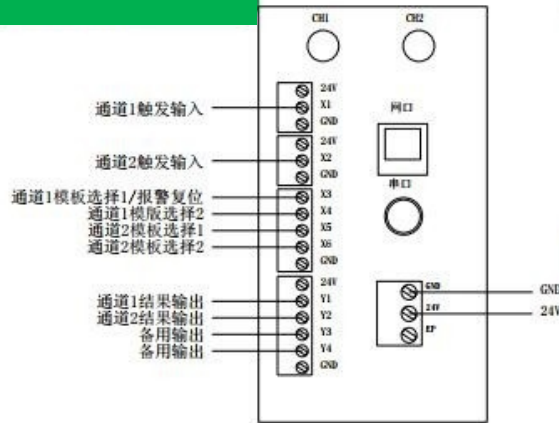
RP-CFM-NZ01/NZ02

Single Channel/Double Channel Built-in

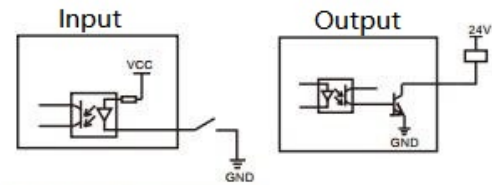
Size drawing



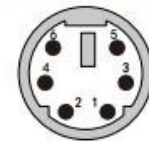
Wiring diagram



IO internal circuit

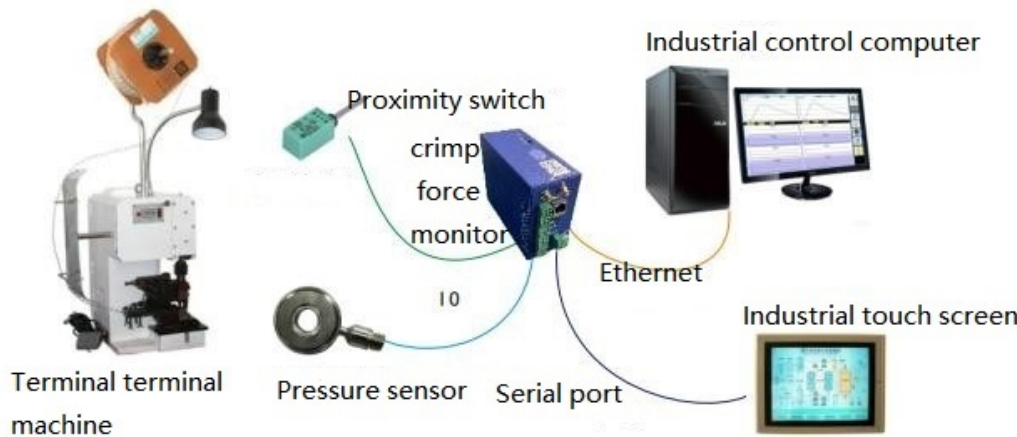


Definition of serial



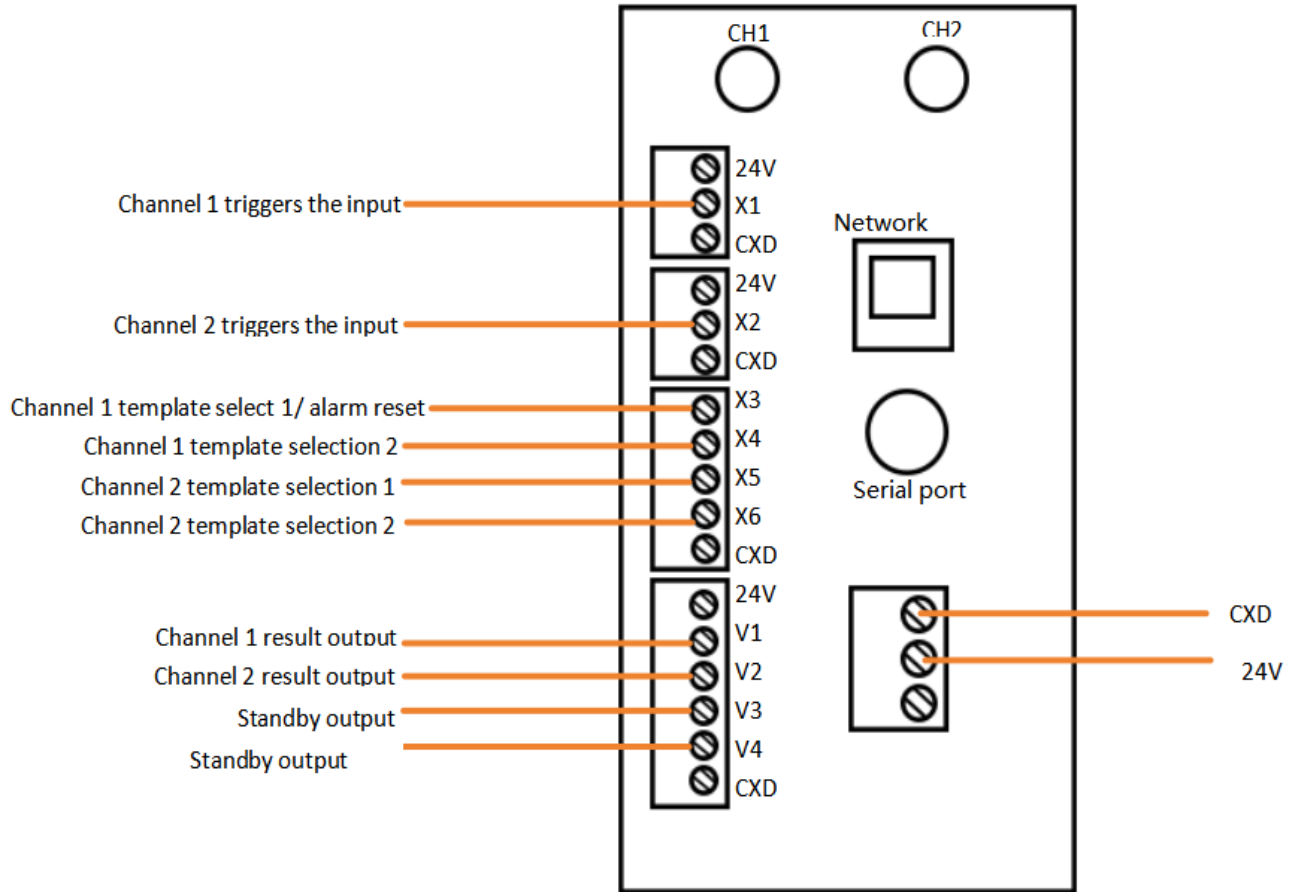
1	485A
2	485B
3	GND
4	GND
5	232RXD
6	232TXD

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★ Combined with the upper software, it can achieve functions such as data query and data export.

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★ Can be installed to the distribution cabinet, save installation space, improve system integration.

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Industry cooperative brand



Apply real world images

Mute terminal machine



Automatic end machine



Built-in terminal machine

