

FineLink RS-485 Operation Manual

PRODUCT INTRODUCTION

It integrates 4 sets of signals with RS485 communication mode to make wiring more convenient and clear. Each port is independent, which can prevent the whole system from crashing due to a particular equipment failure, to make users capable of maintaining multiple equipments more easily. 4 sets of 4-wire type connection ports also supply 24VDC power for external device..

FEATURE

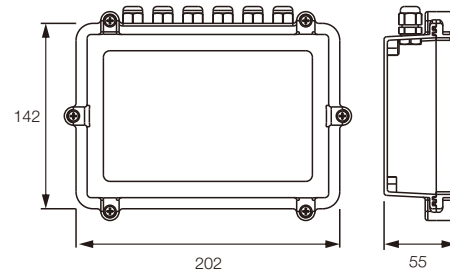
- Easier to maintain.
- Available to expend more instruments, connect more Analog Input equipment.
- Independent connection port on each equipment
- Can connect to ZigBee/Lora/4G wireless equipment, no need to worry about the maintain and wastage on wire.
- Power supply through 4-wire, no need to plug in.
- Open RS485 protocol
- Quick scanning, can collect signal in a short time.

SPECIFICATION

Input power supply	10~30Vdc
Current input	2A
Output power supply	10~30Vdc
Current output	400 mA / CH (The current input must be 2A)
Output	RS-485
Input	RS-485*4 (Independent and isolated connection on each channel)
Baud rate	1200~57600
Working temp.	-40~80°C
Electrostatic protection	IEC61000-4-2 ESD 8kV Air, 4kV contact
IP rating	IP67
Consumption	200mA at 24Vdc

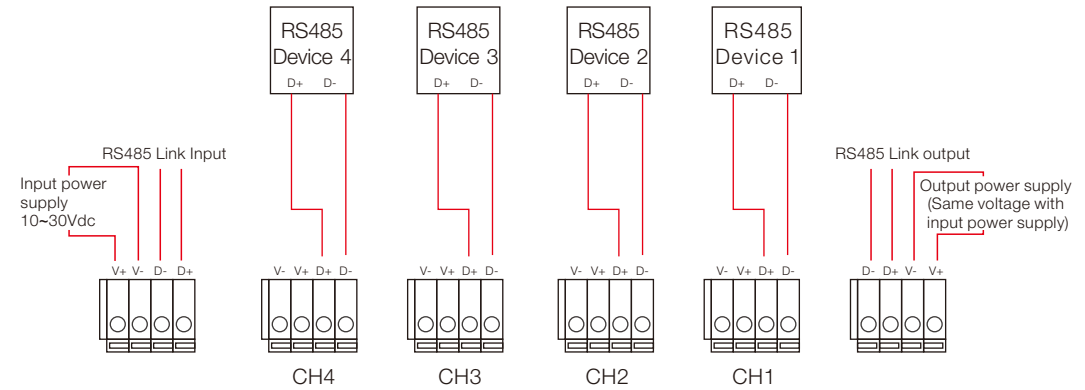
DIMENSION

(Unit:mm)

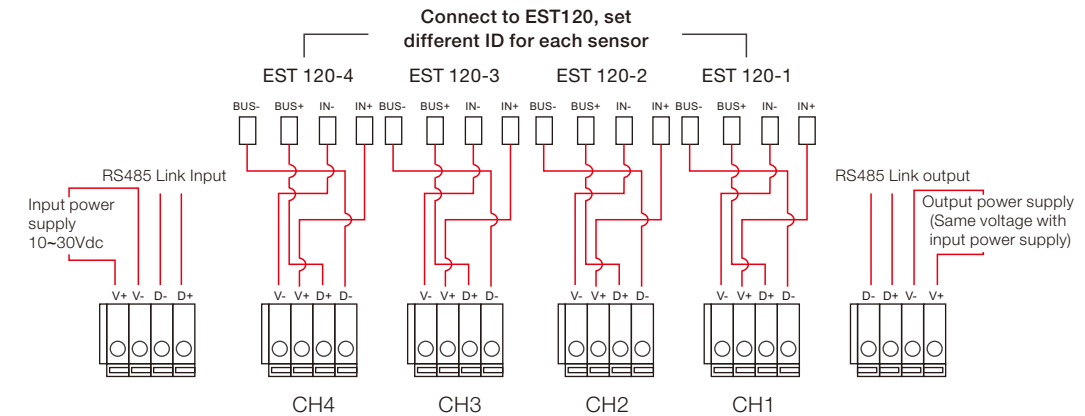


WIRING

WIRING 1(For RS-485)

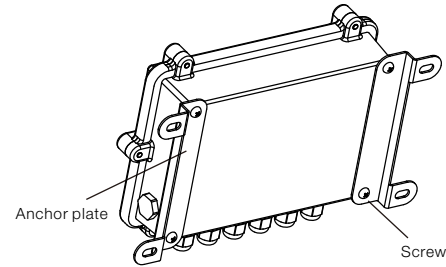


WIRING 2(For EST-120)



INSTALLATION PRECAUTIONS

- (1) Check the power supply, RS 485 positive and negative
- (2) If communication failure, please check connection setting (COM port, ID, baud rate) are correct.
- (3) Make sure the wiring is correct
- (4) When expanding equipment, each equipment requests different ID.



PRODUCT WARRANTY

New Product Warranty

We don't charge for the inspection, part/s and repair for the product of the company that has a defect within 12 months from the delivery date and meets the warranty terms.

If the product defect is not due to human error during its transportation, user may change to a new unit from the company within 7 days from delivery date.

When the product needs to be sent back to the factory for repair, please send the whole set, and don't disassemble the parts. Moreover, please be sure it is completely packed to avoid damage and causing more loss and defect during the transportation.

The warranty is not available for causes that fall under the following circumstances, for which the company shall charge for the inspection, part/s and repair according to the actual condition:

1. The product or its parts are beyond the warranty period.
2. Fault or damage is caused by not following the instruction and use environment described on the operation manual.
3. The product damage is caused by a force majeure factor (natural disasters, floods, fire, earthquakes, lightning, typhoon, etc.),



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