

FineLink One Wire Operation Manual

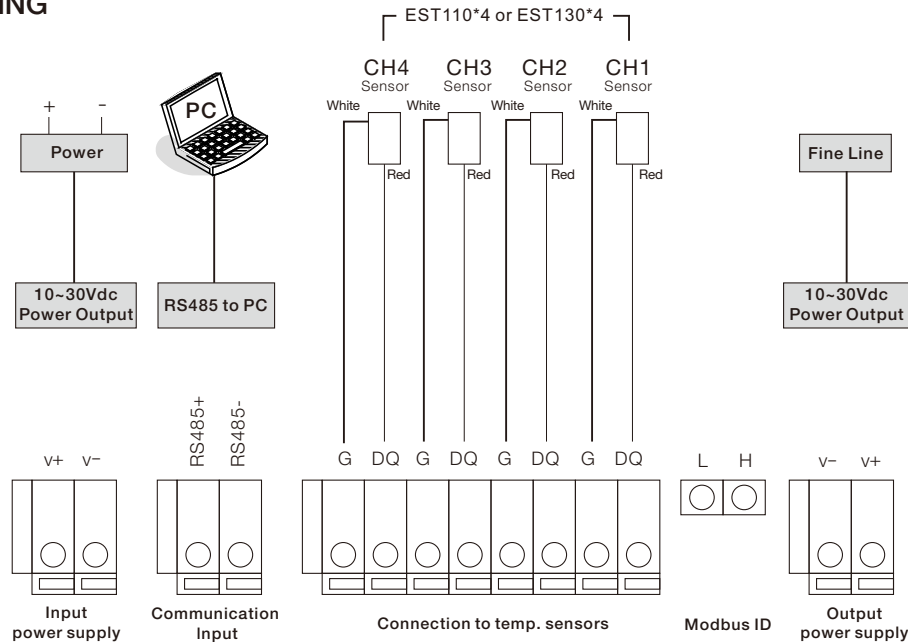
FEATURE

- Prevent infestation of pest in the storage
- The steel rope increase the capability of impact resisten and extend sensor's life time
- Wide application condition (grain, corn, wheat, flour, cement and coal)
- Customizable span of temperature sensor
- Available to expand equipment, connect more ONE WIRE.
- Open RS485 protocol
- Can combine ZigBee/Lora/4G/NBIOT wireless sensing and control, saving cost on wire and maintenance.

SPECIFICATION

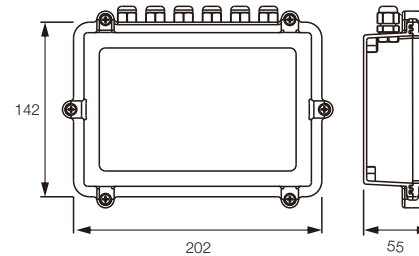
Input power supply	10~30Vdc
Ambient temp.	-40~80°C
Connection port	Max.4
Housing	Aluminum alloy(ADC-12)
Communication interface	RS-485
RS-485 baud rate	9600~115200
IP rating	IP67
Consumption	100mA at 24Vdc

WIRING



DIMENSION

(Unit:mm)



SETTING ID

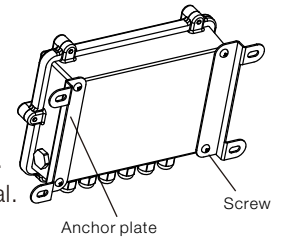
- (1) Please refer wiring diagram for wiring
- (2) ID in hexadecimal (base 16)
- (3) Each adjustment on L represents 1, on H represents 16

For example:

- ◎ For ID# 10, adjust H: 0, L: A
- ◎ For ID# 30, adjust H: 1, L: E

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) ID is in hexadecimal (base 16), must change to decimal
- (5) When expanding equipment, each equipment requests different ID.
- (6) EST110 & EST130 must connect FineLink One Wire to output signal. Otherwise, the signal cannot be monitored.



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.)

