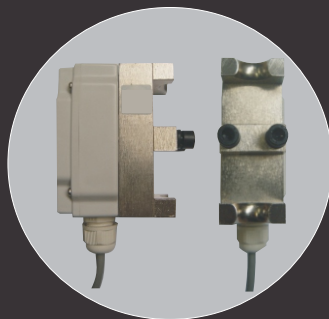
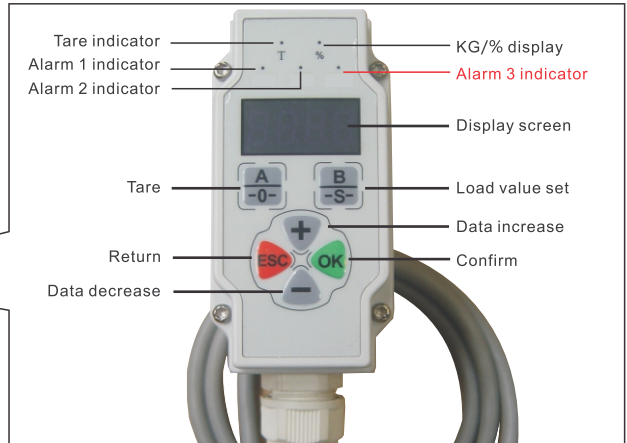


Lifting Load Limiter

User Manual
VER 2.0



1. Controller appearance:



[OK]: confirm

[ESC]: Return

[-]: Data decrease
(Long press for fast decrease)

[+]:
Long press: Known weight modification
Short press: Data increase (Long press for fast increase)

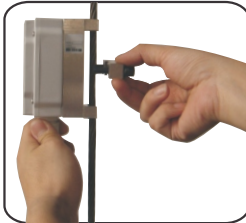
[A]:
Long press: TARE
Short press: tare or not

[B]:
Long press: rated load, roping setting
Short press: KG/% switch

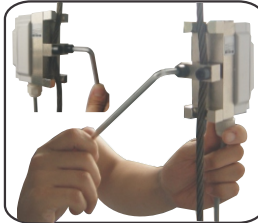
2. Installation:



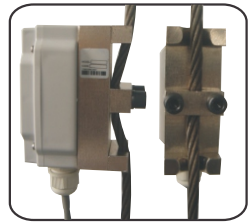
Step 1



Step 2



Step 3



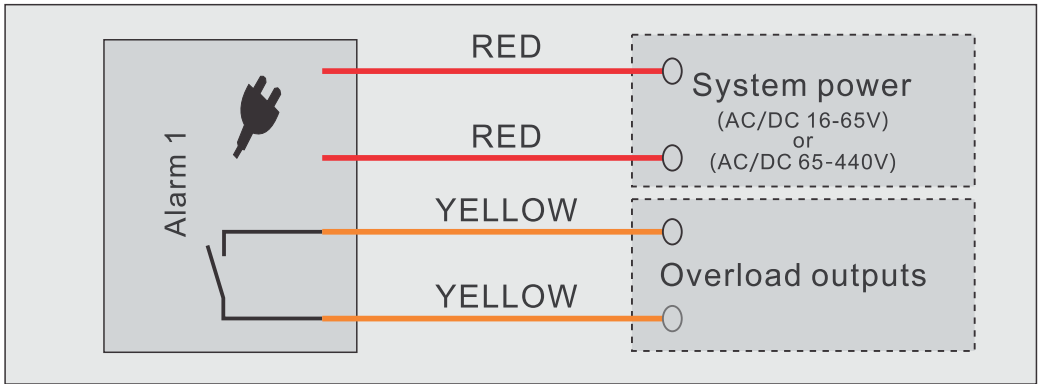
Finished

First step: Unscrew the the screw with 6mm wench and remove the fastener.

Second step: Move the sensor near the steel rope and make the rope into the U slot. Then screw the fastener and screw in. (To improve accuracy, please install the sensor near the rope terminal)

Third step: Fasten the screw with 6mm wench and make sure the steel rope is clamped tightly with the sensor.

3. Wirings:



4. Calibration:(choose one method)

*Remind:

- 1.Tare indicator blinks means it need tare operation. 3 alarm indicators blink means it need rated load setting.
- 2.To modify the rated load after the calibration, you just need take the step B in the know weight calibrations.
- 3.In the know weight calibrations, the weight used must be more than 50% of rated load. otherwise, the accuracy would be low.

Method 1: No weight calibration(recommended):

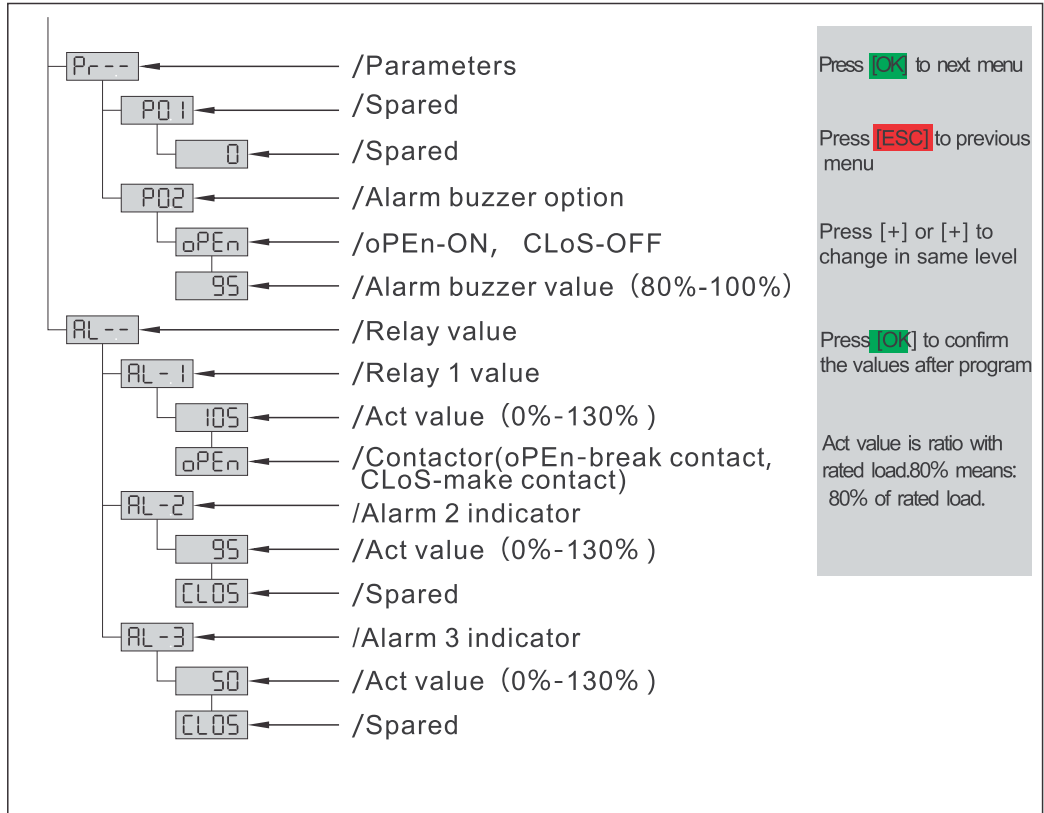
- A. **Tare**→Empty car, long press [A] for 5s, display from **9999** to **0000** till display **2Err**.
- B. **Rated load and roping calibration**→Long press [B] for 5s, it display **FULL**.push **OK**, push **[+]** or **[-]** to input the rated load value. Then push **OK** to save data. **roPE**, push **OK**, push **[+]** or **[-]** to input roping value. Then push **OK** to save data.

Method 2:Known weight calibrations:

- A. **Tare**→Empty car, long press [A] for 5s, display from **9999** to **0000** till display **2Err**.
- B. **Rated load calibration**→Long press [B] for 5s, it display **FULL**.push **OK**, push **[+]** or **[-]** to input the rated load value. push **OK** to save data. Then push **ESC** to return.
- C. **Known weight**→Put the known weight in the car, long press **[+]** for 5s, data blinks to indicate the weight(KG). push **[+]** or **[-]** to modify the data to real weight, the push **OK**, it display from **9999** to **0000** and save data automatically.

5. Menu functions:

Push and release **OK** and **ESC** at the same time. It displays **CC00**
 Push **[+]** or **[-]** till it display **CC11** . Then push **OK** into menu options.



6. Error codes:

| Codes | Reasons | Solutions |
|------------|--|---|
| E01 | During known weight calibration, there is absent of TARE operation | Make the cabin to be empty, Long press [A] for 5 seconds to finish TARE operation. |
| E03 | During known weight calibration, the weight is less than 100KG. | Use the weight of more than 50% of rated weight to calibrate. |
| E05 | The load is exceed the load cell MAX. capacity. | Make the load within the load cell capacity or change load cells with bigger capacity |