

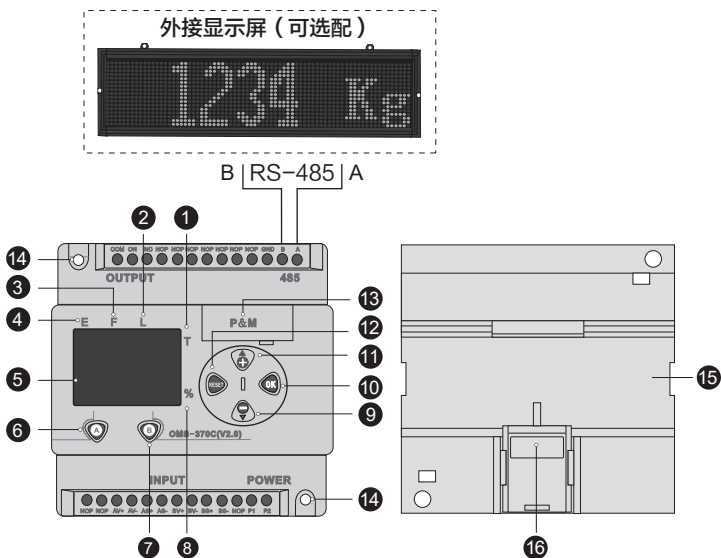
OMS-370C

起重量限制器调试手册

Lifting load limiter

起重量限制器

控制器操作界面

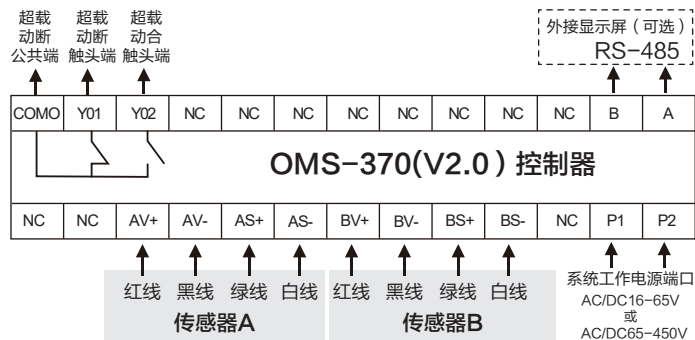


1	吨位指示灯，默认为公斤（不亮）	10	OK 确认键
2	正常指示灯	11	长按:数据快速递增 短按:数据递增
3	报警指示灯	12	ESC 返回键
4	超载指示灯	13	在线编程口
5	数据显示窗	14	Φ 4螺丝固定口
6	A 长按: 清零	15	35mm导轨固定槽
7	B 长按: 额载、绳轮比设定 短按: 重量/百分比切换	16	导轨固定扣
8	重量/百分比指示灯		
9	长按:数据快速递减 短按:数据递减		

物料编号: 1134021010910

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控制器接线图



使用调试说明

特别提醒

- 3个报警灯闪烁，提示缺少额定载荷设定。
- 调试完成后如需修改额定载荷，只需执行【方式2】中的B步骤即可。
- 已知砝码重量调试中，砝码重量必须不小于额定载荷的50%，否则将影响准确度。

方式1：无砝码(推荐)调试步骤

- 清零操作→长按 **A** 键5秒，从 **9999** 至 **0000** 倒计时提示直到 **2Err** 完成。
- 额定载荷和绳轮比系数设定→长按 **B** 键5秒，**FULL** 提示准备设定额定值(KG)，按 **OK** 键后等待输入，按 **+** 或 **-** 键输入，完成按 **OK** 键保存。**roPE** 提示修改绳轮比，按 **OK** 键后等待设定，按 **+** 或 **-** 键设定绳轮比，然后按 **OK** 键保存。

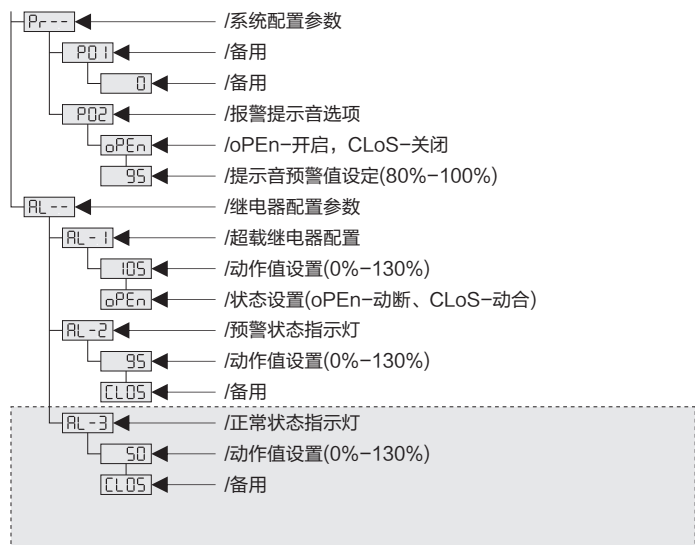
方式2：已知砝码重量调试步骤

- 清零操作→长按 **A** 键5秒，从 **9999** 至 **0000** 倒计时提示直到 **2Err** 保存数据。
- 额定载荷设定→长按 **B** 键5秒，**FULL** 提示设定额定值(KG)，按 **OK** 键后等待输入，按 **+** 或 **-** 键设定额定值，然后按 **OK** 键保存，再按 **ESC** 键返回。
- 已知砝码重量设定→放入已知重量砝码;长按 **+** 键5秒，闪烁提示当前载重重量(KG)，按 **+** 或 **-** 键进行调整，修改成实际砝码重量后按 **OK** 键。此时显示屏提示从 **9999** 至 **0000** 倒计时完成数据保存。

菜单功能说明

同时按下 **OK** 键和 **ESC** 键后同时松开，屏幕显示 **CC00**，按 **+** 或 **-** 键,直到屏幕显示 **CC11**，按下 **OK** 键，进入菜单选项。

- 按 **OK** 键进入下一级菜单
- 按 **ESC** 键返回上级菜单
- 按 **+** 或 **-** 键在同级菜单选择
- 修改完参数需按 **OK** 键确认
- 动作值以额定载荷为基点计算。如80%为额定载荷值的80%

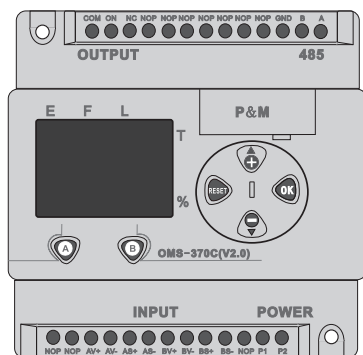


故障代码说明

故障代码	故障原因分析	解决方法
E01	采用已知砝码重量调试时，缺少清零操作。	放入砝码前先清空，长按[A]键5秒完成清零操作。
E03	采用已知砝码重量调试时，砝码重量设定小于100KG。	放入不小于50%额定载荷的砝码重量，并输入实际的砝码重量进行调试操作。
E05	使用过程中实际载荷超过，本传感器的最大使用量程。	减小实际载荷;或更换更大量程的限载产品。

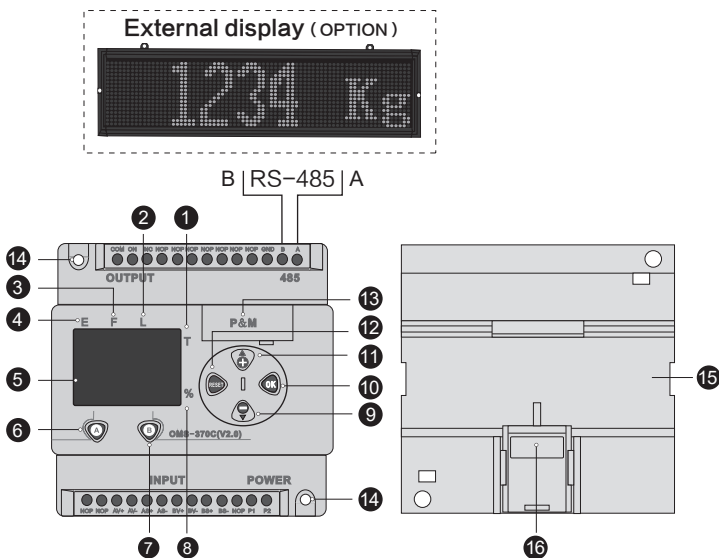
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Lifting load limiter user manual



Lifting load limiter

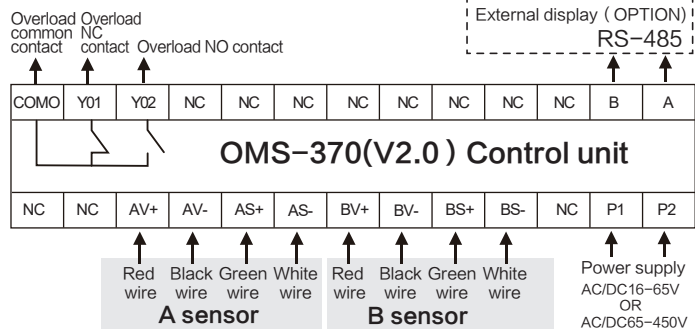
CONTROLLER APPEARANCE



1	Load indicator, defaulted KG, (not bright)	10	OK Confirm
2	Normal indicator	11	Long press: data increasing fast Short press: data increasing
3	Warning indicator	12	ESC Return
4	Overload indicator	13	Online programming port
5	Data displays	14	Φ4Screw the mouth
6	A Long press: clear data	15	35mm rail mounting groove
7	B Long press: rated load and Sheave ratio program Short press: load and percentage display	16	Rail fixed buckle
8	Load and percentage indicator		
9	Long press: fast decreasing Short press: data decreasing		

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WIRINGS



CALIBRATION

REMI

- 1 Tare indicator blinks means the absent of tare operation. Alarm indicator blinks means the absent of rated load setting.
- 2 To modify the rated load after the calibration, you just need take the step B in the method 2.
- 3 In method 2, 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 [2Ero] .
- 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.

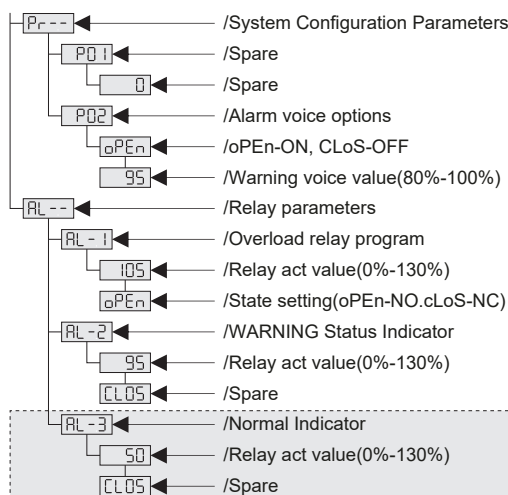
METHOD 2: KNOW WEIGHT CALIBRATIONS

- A Tare → Empty car, long press [A] for 5s, display from [9999] to [0000] till display [2Ero] .
- 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 form [9999] to [0000] and save data automatically.

MENU FUNCTIONS

Push and release [OK] and [ESC] at the same time. It displays [EE00] Push [↑] or [↓] till it display [EE11] . Then push [OK] into menu options.

- [OK] to next menu step.
- [ESC] to return to upper step.
- [↑] or [↓] choose data in same level.
- Push [OK] to save data after calibration.
- The value 80% means it is 80% of rated load.



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.