


Type TK-WL-CO Elevator Load Weighing Device introduction manual

● **Attention:** The inductive magnet is specially made of rare earth magnet with strong magnetism for this product. Take special care in the course of installation. Don't let it close to the high temperature above 100°C to avoid demagnetization and our company will not be responsible for the personal hurt and equipment damage arising from this.

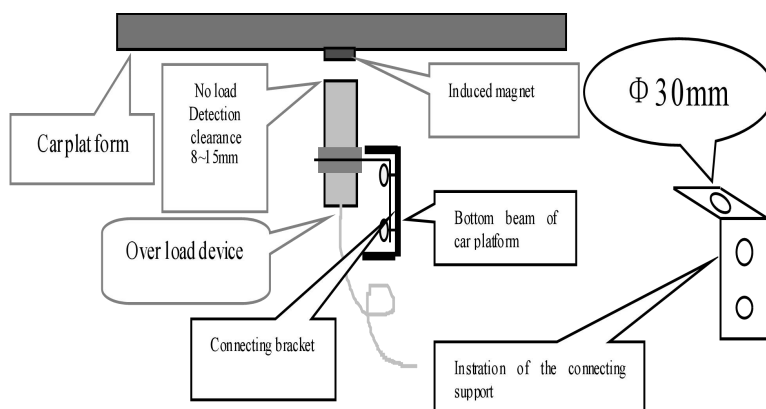
● **Main Property:**

1. Working in a contact less and inductive way. No mechanical movement itself. Being directly installed in the original place of overload switch. No necessity of changing the mechanism of elevator car.
2. Adopting strong inductive magnet, improving the anti-interference of the system to the utmost.
3. The electrical property is in compliance with the standard of the International Electromechanical Commission (IEC).
4. More accurately positioning, small overall size, easy installation and adjustment, simple structure and low price.

● **Technical Specification:**

Application Range	Sensor output mode is asymptotic by far , Applicable to detection the clearance 0-12.5mm, Output CAN protocol signal.			
Sensitivity	≤1% (Electrical indicators) ±1.0			
System Error	≤3%(5~40℃)			
Output form	Brown line	DC +24V/≤50mA	AMP hole 1	Diagram of AMP terminal 
	Blue line	Com	AMP hole 2	
	Black line	Can_H	AMP hole 3	
	Gray line	Can_L	AMP hole 4	
Working environment temperature	-25~55℃			
Power Supply	AC/DC 24V(±10%)/15mA. The operating current of the whole machine ≤100 mA.			
Overall Size	Column of Φ30×79 mm			

● **Installation method:**



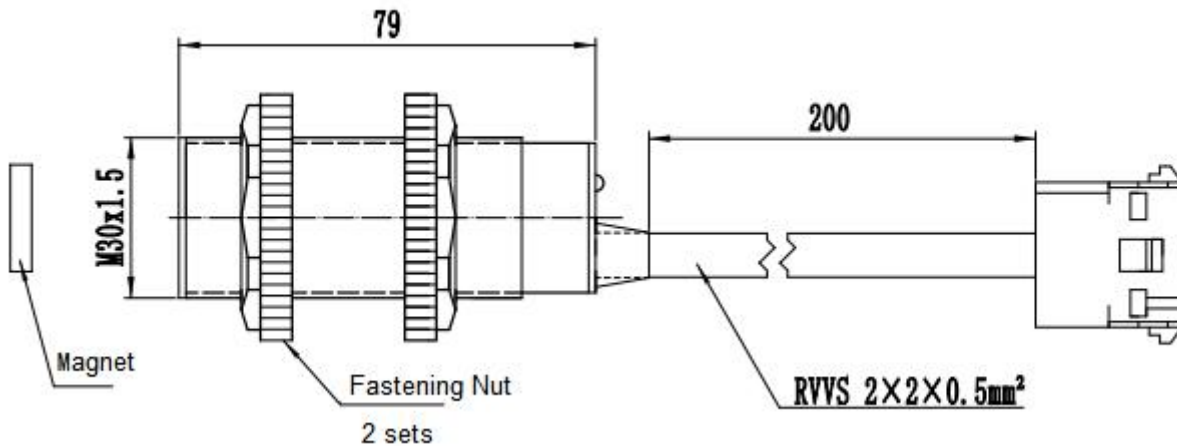
1、Please refer to the above figure to install this device with the connecting support (made by the customer himself) close to the middle part of the car platform as near as possible..

2、Let the magnet adhesive on the car platform with the marking-face right facing the induction point of the device.

Attention: The system connecting support should be prepared by the customer according to the concrete condition.

3、 Install and adjust this device so that the magnet on the car platform aims at the center point of its upper face. Meanwhile, assure the end face of this device in parallel with that of the magnet.

4、 Electric transmission system,during the period of no load,adjust the up and down this device to make the indicator just turn from red to green,then fasten this device and the adjustment is finished.



Attention : Output wire of this device must not be connected with external power supply to avoid everlasting damage.The company is not responsible for the resulting damage.

Zero point positioning method:

Zero point positioning method: The product powered on,observe the indicator light (If the green light displayed,please put the device close to the magnet;If the red light is displayed,please keep the device away from the magnet.)adjust the up and down this device to make the indicator Red and green flickered alternately and then fasten this device .

others: Inductive magnet[20×20×4mm³] 1piece Fastening Nut 2 sets