

Type EWD-H-XV10 Elevator Load Weighing Device

INTRODTION MANUAL (V1.2)

- The output of the sensor from far to near are applicable applicable to need 0 ~ 12.5mm/10 ~ 0V signal acquisition

The output of the sensor from near to far are applicable applicable to need 0 ~ 12.5mm/0 ~ 10V signal acquisition

Before make an order please tell us what kinds of working methods do you need!

- Attention: Induction magnet is match this product special rare earth magnets, magnetic strength, the installation process must be careful; At all times to avoid the magnet is close to the high temperature of 100 °C above, lest demagnetization; The resulting loss of personal and equipment shall not be responsible for the company

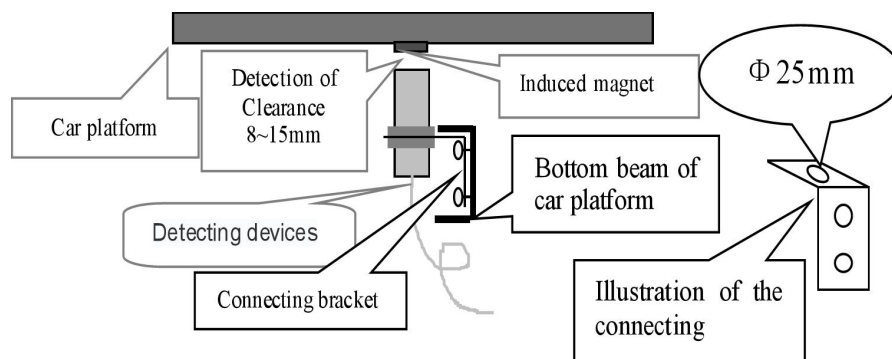
- **Main feature:**

1. Non-contact inductive way of working itself without mechanical movement;
2. Using Highly robust induction magnet, the maximum enhance system anti-jamming capability;
3. Electrical performance accords with the international electrotechnical commission (IEC) standards;
4. With functions of zero position and work instructions, small volume, convenient installation and debugging. Simple structure, low cost.

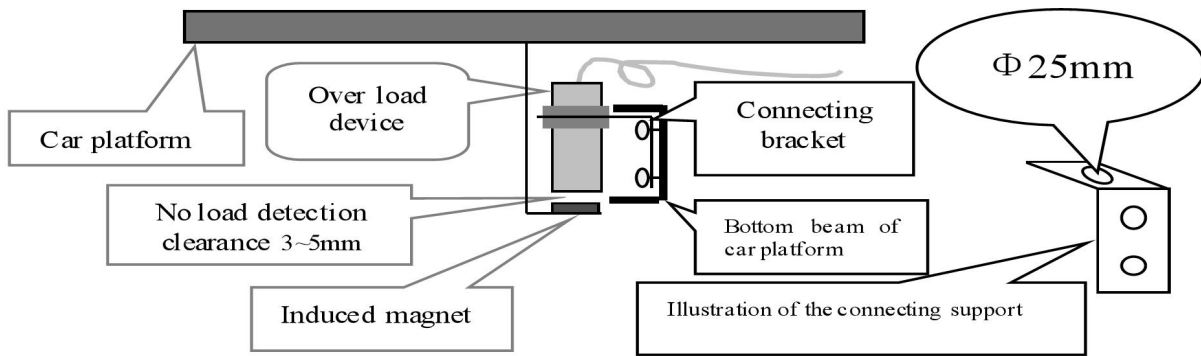
- **Technical indicators:**

1	Application Range	Sensor output way by far the asymptotic products are suitable for the need to 0 ~ 12.5 mm / 10 ~ 0 v signal acquisition	
		Sensor output way by nearly far products are suitable for the need to 0 ~ 12.5 mm / 0 ~ 10 v signal set	
2	Sensitivity	≤1% (Electrical indicators) ±1.0	
3	System Error	≤3% (5~40 °C)	
4	Output form	Brown line	DC +24V/≤50mA
		Blue line	Com
		Black line	Output form: out
5	Working environment temperature	-20 ~ 55 °C	
6	Power Supply	DC 24V, The whole machine working current ≤35mA	
7	Overall Dimensions	Φ24×80 cylinder	

- **Installation method:**



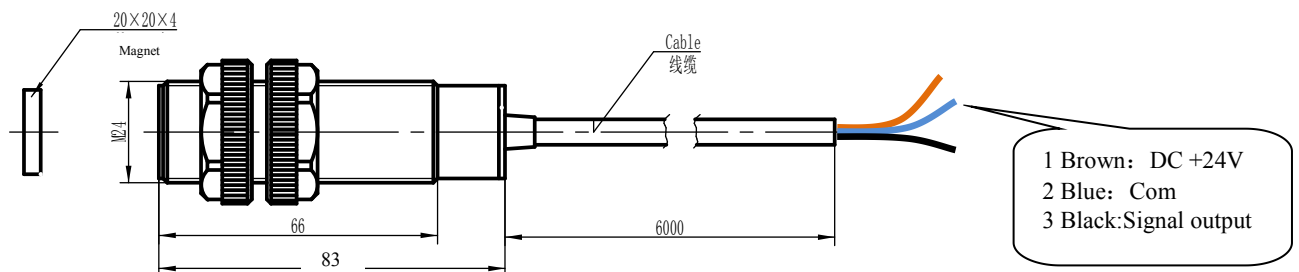
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1. Please refer to the above figure to install this device with the connecting support (made by the customer himself) close to the middle part of the car platform as near as possible..
2. Let the magnet adhesive on the car platform with the marking-face right facing the induction point of the device.
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.

● **System wiring principle:**



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:**

After power on the product, the tail indicator is lit, the green light flash 10 then to red, then adjust the up and down the device to the red and green light flashing (if the green light shows, please put the device far to the magnet, if the red light shows, please put the device near to the magnet) then tighten the device.

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