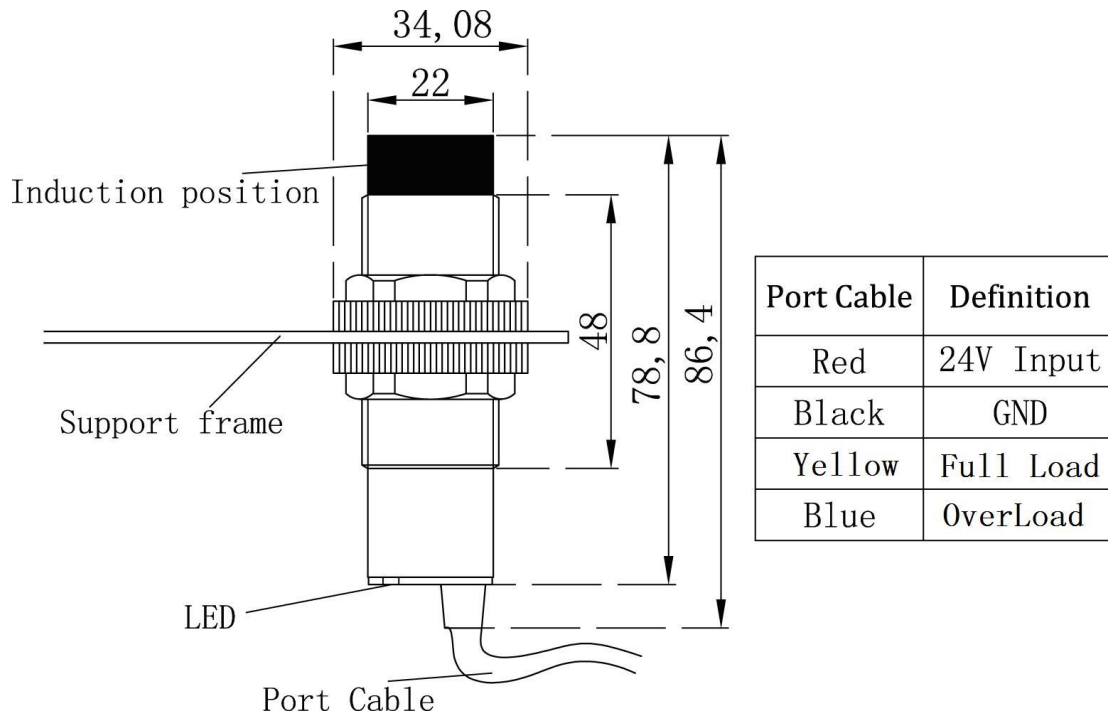


1. Function descriptions

Weighting device creates the output signal after detecting the distance from the magnet reached the action distance.

2. Technical specifications and Outline size

Applications	Elevator with Movable Car Bottom or Elevator with Rope Head Spring
Installation Location	Elevator Movable Car Bottom or Rope Head
Detection Clearance	10~20 mm
Output Mode	OC Output
Power Supply	DC24V



3. Port definition and specification

Name	Color	Definition	Usage	Specifications	
				Port Mode	Rated Load
Port Wires	Red	24V power supply	Power supply		
	Black	24V power GND			
	Yellow	Full load output	Output	OC gate	DC24V 20mA
	Blue	Overload output		OC gate	DC24V 20mA

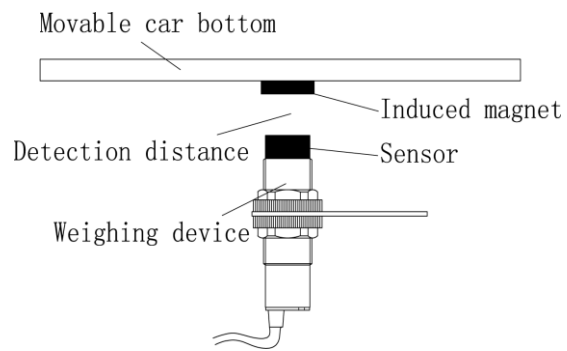
4. Indication LED status

LED	OFF	No output
	Green	Full load output
	Red	Overload output

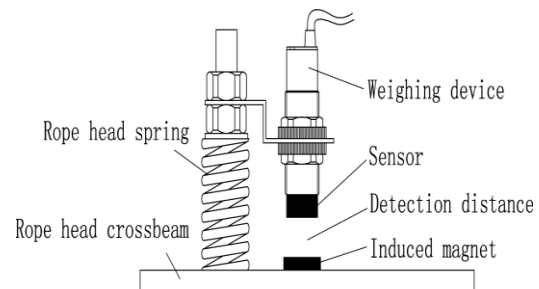
5. Direction for use

Please wirings correctly according to the definition. The full load/overload outputs of load weigh should be connected to the full load/overload input ports of car, car top control board, or elevator main control board.

1) While installed at the bottom of car, the magnet is adsorbed at the center of the movable car bottom, with the logo side facing downward. The weighing device should be fixed on car bottom by the support frame, right facing the magnet, and center of magnet should align the center of sensor on weighing device, and the end surface of the weighing device should be parallel to magnet end surface.



While installed at the rope head, the magnet is adsorbed at the crossbeam under the rope head with the logo side facing upward. The weighing device should be fixed on the rope head spring by the support frame, and the center of the magnet should align the center of sensor on weighing device, and the end surface of the weighing device should be parallel to magnet end surface.



2) Add full load to the car, then adjust this device up and down slowly. Keep the weighing device just at the point that the LED turns Green from dark, and fasten it. Make the car overload, if the LED turns Red from Green, no need other operations. If the LED still keeps Green, please use screw driver to adjust a screw in the round hole beside LED at bottom of device slowly in the clockwise direction. Please keep the device stable during adjusting until the LED exactly turns Red.