

PS-I-U30 Instructions for Elevator level sensor (V2.2)

- This device is suitable for all need to PNP-type level sensor signal elevator, the device to overcome the photoelectric and traditional flat-layer switch inherent vulnerability of the shortcomings, high reliability and precision and fast response capability, low price Very high price.

Note: when make order pls specify that the PNP output mode (action) or NPN output mode is required!!!

- **Main characters:**

1. The output signal is the square wave pulse signal, and the response speed is fast and reliable.
2. Ultra-low consumption current: 15mA, long service life.
3. The circuit has the protection function of power reverse protection, short circuit protection and preventing misoperation.
4. The circuit has anti-plus or minus 6KV static electricity, plus or minus 4.5Kv group pulse and surge protection function.
5. Electrical performance meets the requirements of "international electrotechnical commission (IEC)";
6. High reliability, small volume and convenient installation and debugging. Simple structure and low price.

- **Technical Specification::**

1	Application Range:	Applicable to elevator which needs flat layer switch signal.
2.	Response time:	4ms
3.	Current consumption:	15mA
4	Load current:	120mA
5.	Output form:	①PNP Output form ②NPN Output form
6	Working temperature:	-25~55℃
7	Working environment humidity:	35%~85%RH
8	Power supply:	DC 24V(±5%), Machine operating current≤100mA
9.	Protection class:	IP53
10	Withstand voltage:	1000V ,50Hz, 1 minute
11	Insulation resistance:	DC500V, ≥20MΩ ,
12	Install Position:	The elevator car is close to the partition board
13	Overall Size:	79mm*70mm*34mm

- **Product appearance:**

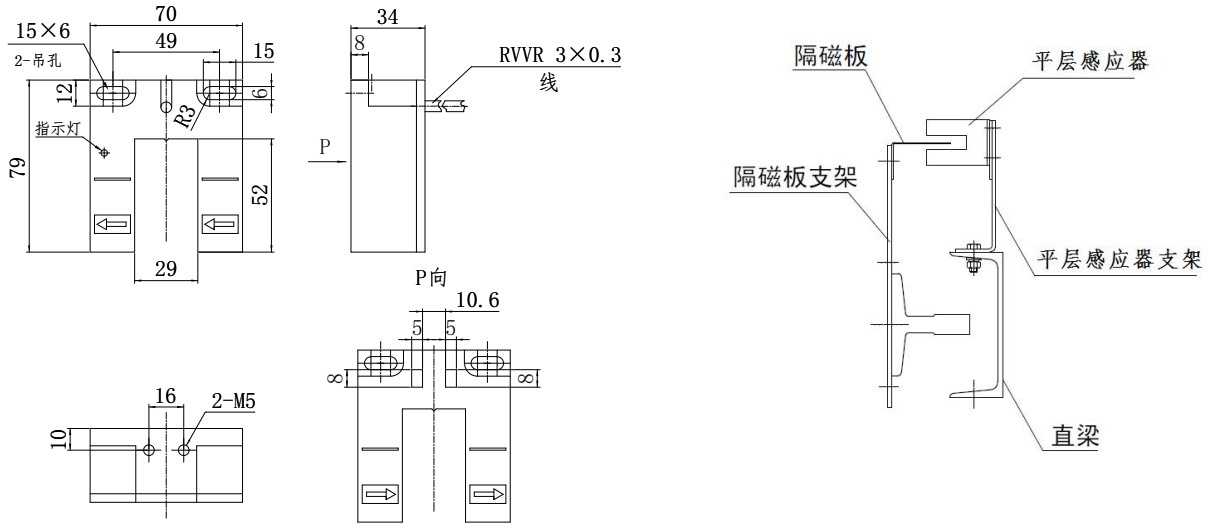


● System wiring principle:

No.	Cable color	Wiring instructions
1	Brown	+DC24V
2	Blue	Com
3	Black	Signal output

⚠️Never connect the device’s output cable directly to an external power supply, which may cause permanent damage.

● Product appearance size and installation diagram:



● Other:

- Doc: Instruction Manual 1 set
- Tighten the screws (M5*30) 2sets

If the system is abnormal during debugging or use, please contact us directly.