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电梯称重领域  
EXPERTS IN ELEVATOR  
WEIGHING FIELD  
专家

西安伊斯特机电有限公司

Xi'an Excellent Electromechanical Co.,Ltd

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Shaanxi China

Website: www.xaest.com

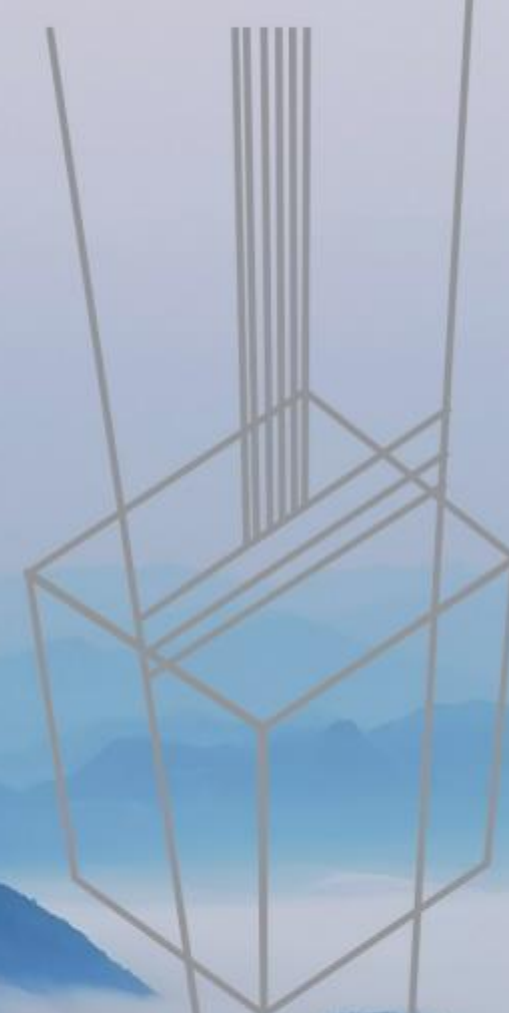
E-mail: sales01@xaest.com



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西安伊斯特机电有限公司

Xi'an Excellent Electromechanical Co.,Ltd



Model	EWD-H-P1/P2	EWD-H-XP1/XP2	EWD-H-XJ3/XJ4	EWD-H-J3/SJ3	EWD-H-J5	EWD-H-XV10	EWD-H-GSV10	EWD-N-SV05M16	EWD-N-SV05/SV10/SI20	EWD-H-MSJ3	EWD-L-MSJ4	
Picture												
QR code												
Detection Method	Manual adjustment action range 8-15mm		1.Auto detection range(No load ~ Over load); 2.0mm≤car platform displacement range≤12.5mm/19.9/25mm 3.Manually set displacement range(No load ~ Over load); 2.5mm≤car platform displacement range≤9.9mm			Detection Range 0-12.5mm		Detection Range 0-11mm		Suitable for drag driving lift, the detection range is less than 630KG-5000KG		
Output	P1/XP1:1-Channel: Overload signal: 1open/1close P2/XP2:2-Channel: Full load:(Dynamic Close) Over load (Dynamic open)		XJ3:3 Channel Programmable: Light , Full , Over load XJ4:4 Channel Programmable: Light , Semi, Full, Over load	3 Channel Programmable: Light , Full , Over load J3:Built-in door lock relay SJ3:0 ~ 10V	5 Channel programmable: Light , Semi, Heavy , Full , Over load	0 ~ 10V,10 ~ 0V,		0 ~ 5V	SV05:0 ~ 5V SV10:0 ~ 10V SI20:4 ~ 20mA	3 Channel Programmable: Light , Full , Over load 0 ~ 10V,10 ~ 0V,	4 Channel programmable: No load, Light load, Full load, Over load 0 ~ 10V,10 ~ 0V,	
System Structure Working Principle	Controller and Load Sensor all -in-one , To detect the change of car platform displacement caused by load with the adoption of dedicated high-power induction magnet and specially-made hall sensor						The displacement of the bottom due to load is detected by eddy current effect		1-4 sensors ( 0mm≤ detection Range≤12.5mm )	4-6 sensors can be used to display the number of kilograms		
Installation location	The induction magnet is on car platform and the sensor is fixed on car platform bearing beam by specially made supporting frame.						The sensor adopts a special bracket to be fixed in the bottom bearing beam		the sensor installed in the car platform, the controller on the controller box above the car platform or in the car platform controller			
Power supply	AC/DC 24V ( ±10% )					DC 24V ( ±10% )					AC/DC 24V ( ±10% )	
Signal acquisition	Honeywell load cell					eddy-current transducer					High precision displacement sensor	With damping rubber load sensor

### Elevator Weighing Device installation diagram

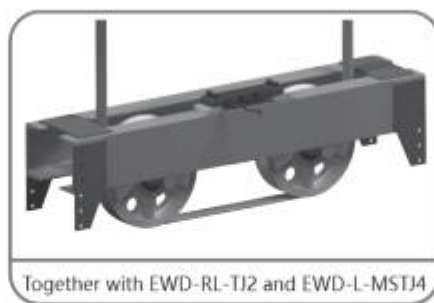
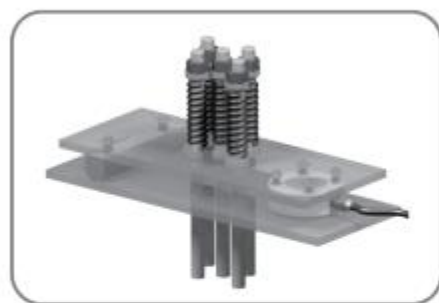


# EWD电梯称重装置产品 (绳头安装系列)

EWD elevator weighing device products

Model	EWD-RL-J2/J3	EWD-RL-SJ3	EWD-RLG-SJ3	EWD-RL-SV10	EWD-L-C1	EWD-RL-TJ2	EWD-L-MSTJ4	EWD-L-MSJ4-X1
Picture								
QR code								
Application	Suitable for traction drive elevator, Detection range depends on the sensor							
Load sensor	Direct Connect : XCL-Y/8625 XCL-ZL/W XCL-T/A XCL-T/B		Direct Connect : XCL-Y/8625 XCL-ZL/W XCL-T/A XCL-T/B		Direct Connect : XCL-Y/8625 XCL-ZL/W XCL-T/A XCL-YL/C		Direct Connect XCL-Y/8625 XCL-ZL/W XCL-T/A XCL-T/B	
Landing compensation	no compensation	have compensation	no compensation	Digital signal output	no compensation	no compensation	no compensation	no compensation
Output	J2: Full load, over load J3: Light, Full, over load	Light load, Full load, over load RL-SJ3: 0~10V RLG-SJ3: 0~5V, 0~10V, -10~+10V	0~+10V	CAN-Bus/RS485	Full load, over load	No load, Light load, Full load, Over load 0~10V, 10~0V,		
Power supply	DC 24V(±10%)	AC/DC 24V(±10%)	DC 24V(±10%)	DC 24V(±10%)	DC 24V(±10%)	AC/DC 24V(±10%)	AC/DC 24V(±10%)	AC/DC 24V(±10%)

## Load sensor installation diagram



Together with EWD-RL-TJ2 and EWD-L-MSTJ4

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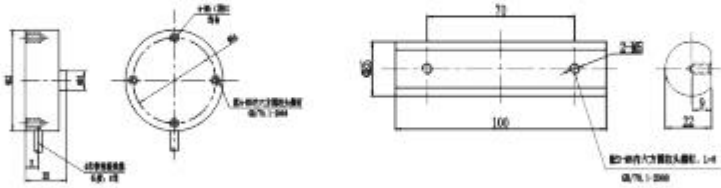


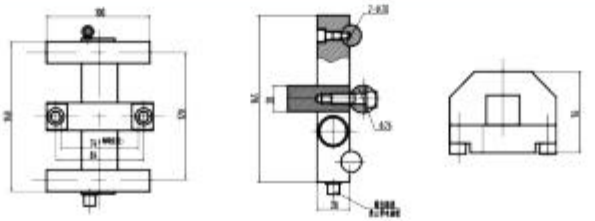


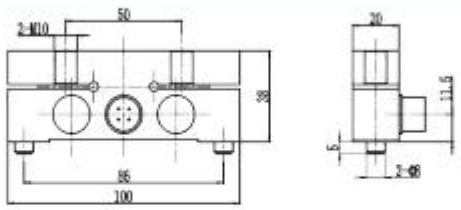


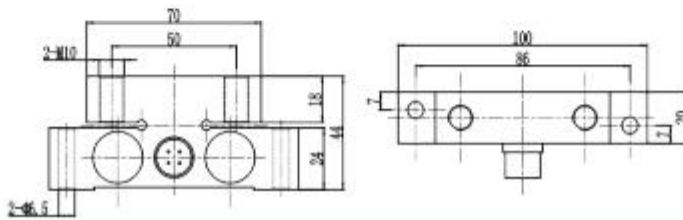


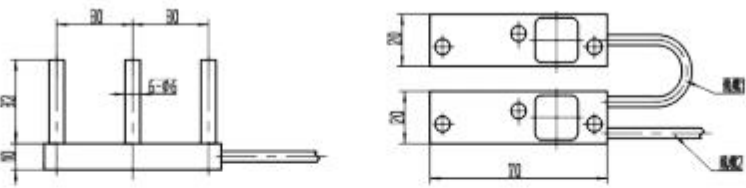


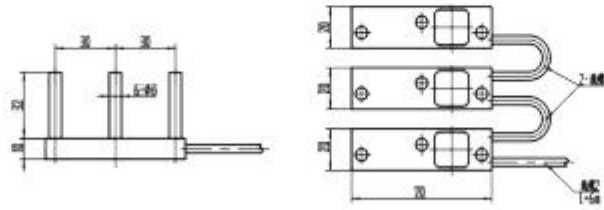

Address: 7D, Block A Olympic Center Square, 14th Chang An North Road, Xi'an Beilin District, Shaanxi China

## 荷重传感器







Load cell

Model : XCL-Y/8625	Size																																																												
	 Range: 12KN, 22KN, 30KN, 40KN, 50KN, 70KN																																																												
Model : XCL-ZL/W	Size																																																												
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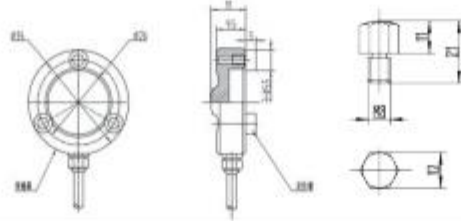


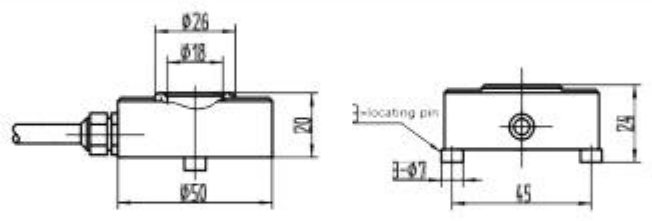

## 别墅梯专用传感器 Special sensor for villa ladder

3.XCL-Y/5222	Size	Installation diagram
		
4.XCL-ZL/W	Size	Installation diagram
		
5.XCL-T/A ( 20 )	Size	Installation diagram
		
6.XCL-T/B ( 20 )	Size	Installation diagram
		
7.XCL-ZL/P2	Size	Installation diagram
		
8.XCL-ZL/P3	Size	Installation diagram
		

## 别墅梯专用电梯称重装置简介 Brief introduction of elevator weighing device for villa elevator











MODEL	EWD-RL-BJ2	EWD-RL-BSJ3	EWD-L-BMSJ4
Picture			
QR code			
Application Range	Suitable for villa ladder special sensor, suitable for all traction drive or reel drive villa elevator (load range depends on the sensor range)		
Sensitivity	5‰ is 5.0Kg for 1T elevator (this indicator will be affected by the mechanical properties of the elevator)		
Compensation mode	No landing compensation	landing compensation	No landing compensation
Output	Light load 、 Over load	Light load 、 Full load 、 Over load 0 ~ +10V	Light load、 Semi- load Full load、 Over load 0 ~ 10V/10 ~ 0V
Power supply	DC 24V(±10% )	AC/DC 24V(±10% )	AC/DC 24V(±10% )

## 别墅梯专用传感器 Special sensor for villa ladder

1. XCL-Y/3411	Size	Installation diagram
		
2. XCL-YH/5018	Size	Installation diagram
		











## 电梯平层感应器以及各类开关

Elevator leveling sensor and various switches

Product Model	PS-I-U30GK	PS-I-U30	PS-O-U30	PS-R-U30	PS-BI-S07
type	Elevator leveling sensor				proximity switch
picture					
manual					
Applicable trapezoidal	Applicable to all elevators that require leveling switch signals.				suitable for elevator bidirectional door operator systems that require proximity switch signals
use	Leveling between floors and preventing car displacement				Detect elevator car door opening/closing signal
Output method	Solid State Relay Output			NO	solid-state relay
power supply	DC 24V (±10%)	DC 24V (±10%)	DC 24V (±10%)	AC 250V	DC 24V (±10%)
Sensing method	Inductive	Inductive	Photoelectric	reed switch	Inductive
Installation location	Installed near the magnetic shielding plate in the elevator car				Elevator door operator switch installation location
User Guidelines	When ordering, please specify whether the product is common cathode or common anode			NO/NC	Common Yin/ Common Yang

## 电梯平层感应器以及各类接近开关

Elevator leveling sensor and various switches

Product Model	PS-H-M12N23	BS-H-M12	BS-R-M12	PS-R-M12-NO/NC	PS-R-M12
type	proximity sensor	Bistable switch		Monostable switch	
picture					
manual					
Applicable trapezoidal	Suitable for elevators that require proximity sensors	Elevators suitable for bistable switches		Elevators suitable for monostable switches	
use	Elevator precise leveling	Terminal station detection + forced deceleration switch			
Output method	solid-state relay		Bistability	NO/NC	NO
power supply	DC 24V (±10%)	DC 24V (±10%)	MAX AC 250V		
Sensing method	Hall effect	Hall effect	reed switch		
Compatible magnetic strip	230*15*6 (Customizable)	80*15*6 (Customizable)	230*15*6 (Customizable)		
Installation location	Mounted on the top guide shoe switch mounting bracket on the side of the main unit.	Installed in the gantry crane system and installed in the shaft.	Elevator limit switch, elevator deceleration switch or acceleration switch		
User Guidelines	When ordering, please specify whether the product is common cathode or common anode		NO/NC		