

**Maxium Reach:2674 mm /
Lemma Wrist / Max Payload:10 kg**

Provides floor mount, invert mount, wall mount and other installation methods;
The three-segment of the upper arm and facilitate the disassembly, installation and integration;
The configuration of the lemma 3R wrist has no singularity in front, which facilitates the integration;
The large diameter hollow wrist is configured and the paint pipe can be arranged inside the wrist for easy integration;
It supports the expansion of additional axis;
Optional offline programming studio, standard painting process application, built-in peripheral equipment I/O, easy to program and integrate;
Through the explosion-proof certification of China, EU and ITTC, it can be used in zone 1 gas and zone 21 dust hazardous working environment.

Developed for general industrial painting applications is suitable for wood, furniture, ceramics, metal, hardware, containers, energy storage boxes, construction machinery, steel structure and other workpiece painting.

Suitable for wood, furniture, ceramics, metal, hardware, containers, energy storage boxes, construction machinery, steel structure and other industries.



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Max. Payload on Wrist		10 kg	
Reach		2674 mm	
Repeatability		±0.15 mm	
Motion Range & Maximum Speed		Motion Range	Maximum Speed
	J 1	± 160°	100°/sec
	J 2	± 135°	100°/sec
	J 3	-65°/+245°	120°/sec
	J 4	± 360°	360°/sec
	J 5	± 360°	400°/sec
	J 6	± 360°	450°/sec
Allowable Load Moment at Wrist	J 4	30 N·m	
	J 5	25 N·m	
	J 6	12 N·m	
Allowable Load Inertia at Wrist	J 4	0.8 kg·m ²	
	J 5	0.59 kg·m ²	
	J 6	0.1 kg·m ²	

Technical drawing of the ZW3000 series fire alarm bell, showing front, side, and top views with dimensions and mounting options.

Front View (Left): Labeled "落地安装" (Floor Mounting). Dimensions include overall width 640, mounting hole spacing 550 and 380, and base width 320 and 235. Mounting holes are 6- $\varnothing 22$.

Side View (Middle): Labeled "壁挂安装" (Wall Mounting). Dimensions include overall width 640, mounting hole spacing 200 and 200, and base width 75 and 510. Mounting holes are 6- $\varnothing 22$.

Top View (Right): Shows the bell face with a diameter of $\varnothing 48$. Mounting holes are 6xM6 $\nabla 8$ 均布 (6xM6 $\nabla 8$ evenly distributed). The mounting plate has a diameter of $\varnothing 517$ with a tolerance of $\begin{smallmatrix} +0.012 \\ 0 \end{smallmatrix}$. The bell face has a 30° angle.

Bottom View (Bottom): Shows the base of the bell with a diameter of $\varnothing 210$ and a mounting hole spacing of 17 with a tolerance of $\begin{smallmatrix} +0.021 \\ 0 \end{smallmatrix}$. The base has a thickness of 3 and a total height of 10.

Structure		6-Axis Series Structure
Installation		Floor,Upside-down,Wall
IP Grade	Robot	IP 65
	Cabinet	IP 54
Explosion-Proof	Gas	Ex db ib pxb IIC T4 Gb
	Dust	Ex ib pxb tb IIIC T135°C Db
Environment Requirements	Voltage	AC400V(±10%)
	Power Capacity	11 kVA
	Temperature	0-45 °C
	Humidity	RH≤80% (No Condensation)
Arm Payload	Outer Arm	15 kg
	Inner Arm	15 kg
Weight	Robot	650 kg
	Cabinet	160 kg

Item	Standard	Optional	
Driver	6 Axes	6+2 Axes	
Connector Cable	Static:8 m	Max:30 m	
	/	Towing Cable:Max 30 m	
Pendant	8 m	Max:30 m	
DI/DO	16/16	/	
AI/AO	/	Customized:Max 4	
Communication Mode	Ethercat	ProfiNet	CCLink
Memory Capacity	1GB	/	
Software Package	Painting Package	/	
Belt Tracking	/	Optional	
Color	RAL6018	Customized	

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