



DLFA-R501DM Electro Robot Arm

■ Overview

- DLFA-R501DM modular series robot adopts modular design and industry-standard design. Modular, industrialization, openness, multi controllability, and it is a typical mechatronic system.
- The training system consists of distribution unit, five freedom joints manipulator, material sorting and control unit. The control unit supports three control methods: PLC control, MCU control and PC control.

■ Technical Parameter

- Structure type: Union joint type
- Drive mode: step drive
- Load capacity: 1Kg
- Actuation range:
 - J1: 0°~ 180° J2: 0°~ 30° J3 : 0°~ 90°
 - J4: 0°~ 180° J5: 0°~ 180°
- Gripper: 45—60mm

- The maximum unfold radius: $\geq 700\text{mm}$
- Height: $\geq 1150\text{mm}$
- Body weight: $\leq 100\text{Kg}$
- Operating mode: PLC Programming control, Microcontroller programming control, PC software programming control.
- Power capacity: single-phase 220V 50Hz/60Hz 5A
- Operating temperature: $-10^{\circ}\text{C} \sim 40^{\circ}\text{C}$
- Environment humidity: $\leq 90\%$ (25°C)
- Capacity: $\leq 1\text{KVA}$