

Technical Specifications



Type	P03	P05	P05-L	P10	P10-L
Weight	19kg	24kg	25kg	42kg	45.5kg
Payload	3kg	5kg	3.5kg	10kg	8kg
Reach	590mm	800mm	950mm	1000mm	1300mm
Power Consumption	100W Typical Application	180W Typical Application		350W Typical Application	
Joint Range	±360°				
Joint Speed	J1-J4 180°/s J5-J6 200°/s	J1-J4 180°/s J5-J6 200°/s	J1-J4 180°/s J5-J6 200°/s	J1-J2 120°/s J3-J4 135°/s J5-J6 180°/s	J1-J2 100°/s J3-J4 135°/s J5-J6 180°/s
Tool Speed	2m/s				
Repeatability	±0.02mm	±0.02mm	±0.02mm	±0.03mm	±0.03mm
Degree Of Freedom	6				
END I/O Port	Digital Input:3, Digital Output:3, Analog Input:2				
Control Box I/O Port	Digital Input:16, Digital Output:16, Analog Input:2, Analog Output:2				
I/O Source	24V 2A				
Communication	TCP/IP and MODBUS				
Programming	Graphical Programming, Remote Call Interface				
IP Classification	IP66				
Collaborative Operation	10 Advanced Security Configuration Functions				
Main Material	Aluminum Alloy				
Working Temperature	0-50°C				
Power Input	200-240V AC, 50-60Hz				
Cable	Cable To The Control Cabinet: 5m, Cable To The Teach Pendant: 5m				

Control box

Dimensions	445.2mm x 318.8mm x (360+176)mm
Stand height	176mm
Weight	18.5kg
Power output	48V DC
Working temperature	0~50°C
Working Humidity	90% relative humidity (non-condensing)

Control box

IP classification	IP20
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Teach pendant

Dimensions	327 mm x 230 mm x (45+22) mm
Weight	2.7kg (include cable)
Display	10.4"
Resolution	1024 x 800
E-stop button	1
IP classification	IP54