

Product Specifications

Robot Body		
Weight		98.5 kg
Max. Payload		30 kg
Reach		1800 mm
Joint Range	J1/J2/J4/J5/J6	± 360°
	J3	± 163°
Max. Joint Speed	J1/J2	150°/s
	J3	200°/s
	J4/J5/J6	300°/s
End IO	Power Supply	0/12/24V, 2A(avg), 3A(max)
	Connector 1	2DI + 2DO + RS485
	Connector 2	2DI + 2DO
Repeatability		± 0.05 mm
IP Rating		IP67
Noise Level		70dB(A)
Operating Temp		0 ~ 50°C
Mounting		Floor/Wall/Ceiling
Cable Length		6 m (Body to Cabinet)
Materials		Aluminum Alloy/ABS/Rubber

Control Cabinet		
Dimensions		400 mm × 190 mm × 400 mm
Weight		19 kg
Power Input		200-240V AC, 50/60Hz
IO Power		24V, 3A(max), 0.5A/channel
General I/O Interface	DI	Digital Input 24 channels (NPN/PNP)
	DO	Digital Output 24 channels (NPN/PNP)
	AI	Analog Input 2 channels, 0-10V/4-20mA
	AO	Analog Output 2 channels, 0-10V/4-20mA
Safety I/O Interface	SI	Safety Input 10 channels
	SO	Safety Output 10 channels
Communication Interface	Network Ports	2× Ethernet (TCP/IP, Modbus TCP, Ethernet/IP, Profinet)
	RS485 Port	1× (Modbus RTU)
	Encoder	1× ABZ incremental interface
Environment	Temperature/Humidity	0-50°C, ≤95% RH (non-condensing)
IP Rating		IP20 (Optional IP54)
Teaching Methods		Teach Pendant/PC/Android App

