

Eva Desktop Robot Arm

Degrees of Freedom: 6
Repeatability: ± 0.5 mm
Max Payload: 1.25 kg
Reach: 600 mm
Installation Position: Upright
Weight: 9.5 kg
Joint velocity limits: 120° / second
Toolpath speed limit: 1500 mm/s
Power: 24 VDC @ 11.67A
Power Consumption: 280 W Peak
Footprint: 160 x 160 mm

Electronic Interfaces

4X: Analog Inputs
2X: Analog Outputs
6X: Digital Inputs
6X: Digital Outputs
1X: E-Stop inputs
1X: Ethernet
1X: Wifi Card
Tool Power: 24 VDC @ 1 A
Base I/O Power: 24 VDC @ 1.5 A

Joint Position Limits

A1: -179°, +179°
A2: -155°, +70°
A3: -160°, +45°
A4: -179°, +179°
A5: -155°, +10°
A6: -179°, +179°

Operating Environment

Ingress Rating: IP20
Temperature: 5 - 40 °C
Cabling: Max 3 m for power, e-stop, tools

Programming

Type: Remote REST API
Interface: GUI through web browser
Communication: Ethernet or wifi
Deployment: Local (installed on robot)
Export/Import: Base64 / Javascript

Any questions?

Visit our website for more technical information

www.automata.tech

EVA

Technical Specifications

