

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

