



AGILE ROBOTS



Diana 7
technical
data sheet

Specifications

Diana 7

Payload	7 kg
Protection rating	IP50
Workspace radius	923 mm
Degrees of freedom	7
Repeatability	± 0.05 mm
Robot weight	28 kg
Base diameter	ø 190 mm
End tool connector	ISO 9409
Programming type	C++, Python, Lua
TCP maximum speed	2.4 m/s
Operating temperature	0 to 50 °C
Operating humidity	90% RH (non-condensable)
Safety	EN ISO 12100:2010 EN 60204-1:2018 EN ISO 13849-1:2023 PL d/Cat.3 EN ISO 10218-1:2011

Joints	Range of motion	Max. speed
1	-179° to 179°	180°/s
2	-90° to 90°	180°/s
3	-179° to 179°	210°/s
4	0° to 175°	210°/s
5	-179° to 179°	270°/s
6	-179° to 179°	270°/s
7	-179° to 179°	270°/s

Control box

Cable length (body – box)	5.0 m
Power cable length	3.0 m
Power supply	110 V ~240 VAC, 50/60 Hz
Size	483 mm × 377 mm × 192 mm
Weight	16 kg
I/O port	16 digital in / 16 digital out, 2 analogue in / 2 analogue out
I/O power supply	24 V / 2.5 A

