



Robot Arm Performance

movement		
TCP speed	4 m/s	
Repeatability per ISO 9283	± 0.05 mm	
Movement	Working range	Maximum speed
	± 360°	± 120°/s
	± 360°	± 120°/s
	± 360°	± 180°/s
	± 360°	± 180°/s
	± 360°	± 180°/s
	± 360°	± 180°/s



Today, more than 100,000 UR collaborative industrial robots have been delivered to customers across industries and around the world. The e-Series of cobots brings incredible flexibility and unparalleled ease of use to your application.

Features	
IP Classification	IP54
Noise	< 65 dB(A)
Arm mounting	Any orientation
I/O Ports at tool flange	
Digital In	2
Digital Out	2
Analog In	2
Power supply voltage	12/24 V
Power supply	2 A (Dual pin), 1 A (Single pin)

Contact

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Features

Physical	
Materials	Plastic
Teach pendant size (W x H x D)	300 mm x 231 mm x 50 mm (11.8 in x 9.1 in x 1.97 in)
Weight	1.6 kg (3.5 lbs) including 1 m of teach pendant cable
Cable length	4.5 m (177.17 in)

Features

**Only valid for OEM version.*

Control Box Size (W x H x D)	460 mm x 449 mm x 254 mm (18.2 in x 17.6 in x 10 in)
Weight	12 kg (26.5 lbs)
Materials	Powder coated steel

The graph, titled "UR12e payload curve", shows the payload capacity in kilograms (kg) on the y-axis (0 to 14) against the center of gravity offset in millimeters (mm) on the x-axis (0 to 350). The curve starts at approximately 12.5 kg for 0 mm offset, remains relatively flat until about 110 mm, and then gradually decreases to approximately 9.5 kg at 350 mm offset.

Center of gravity offset (mm)	Payload (kg)
0	12.5
50	12.5
100	12.5
150	11.5
200	10.5
250	9.8
300	9.2
350	9.5

