EPGC-50-150

Collaborative-robot parallel electric gripper with IP54 and standard power-off brake.

Specifications

Parameter	Value
Stroke	50 mm (adjustable)
Rated gripping force	40–150 N (adjustable), ±10%
Repeatability	±0.02 mm
Open/close time (one way)	0.5 s
Recommended max. payload	3 kg
Weight	1 kg
Rated current	0.6 A
Communication	Modbus RTU (RS485), I/O (NPN)
Encoder	Magnetic encoder
Protection rating	IP54
Noise	≤50 dB
Power-off brake	Standard
Dimensions	75 × 75 × 102 mm (excluding fingers)
Other (allowable load / torque)	Fz 300 N; 7 N·m
Supply voltage	DC24V ±10%
Operating environment	0–40 °C, 20–85% RH
Controller	Built-in

Control / communication

Modbus RTU (RS485) and I/O (NPN). Controller built-in.

Applications

- Factory logistics (cobot end effector)
- Precision machining and assembly
- New energy

Commercial

- MOQ: 1 piece
- Typical lead time: 7 days, confirm on quote
- 12-month warranty
- CAD available on request
- Certificates available on request

Contact

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