

ELECTRIC GRIPPER

Integrated and Simplified Control

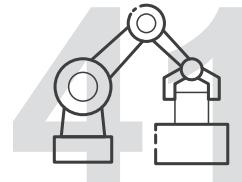
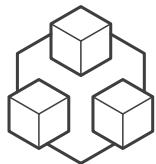


Economy



MEHC3 series

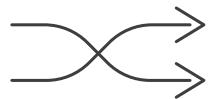
Features



N

Highly Integrated

Highly integrated with built-in controller.



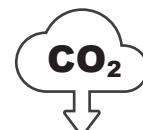
Self-Locking Mechanism

Prevent the gripping object from falling when power-off.



Gripping Force

3-level adjustable gripping force, maximum support up to 41 N.



Simplified Wiring

No need for motor wires or encoder cables.

I/O Signal Control

Operated via I/O signals for quick and straightforward control.

Energy Saving

Automatically adjust energy consumption to reduce heat generation and carbon emissions.

Product Model & Technical Data

Model		MEHC3-16-CL10	MEHC3-25-CL10	
Control method		Digital I/O, built-in controller		
Stroke per jaw	mm	3	7	
Gripping force per jaw	N	Level 1: 12 Level 2: 17 Level 3: 22	Level 1: 25 Level 2: 33 Level 3: 41	
Closing / Opening time	s	0.5		
Self locking mechanism		Mechanical		
Position repeatability	mm	± 0.02		
Operating environment		5 ~ 40 °C < 85%RH (No condensation)		
I/O interface	Input	3 points (PNP)	3 points (NPN)	
	Output	1 point (NPN)	1 point (NPN)	
Voltage		24		
Current consumption		1.0		
Dimensions		38.5 × 23.6 × 127.3	63.5 × 33.6 × 154.6	
Weight		0.3	0.8	

Input Signal Functions

IN1	IN2	IN3	Functions
On	Off	Off	Close
Off	On	Off	Open
Off	Off	On	Reset Alarm
On	Off	On	Set Force Level 1
Off	On	On	Set Force Level 2
On	On	On	Set Force Level 3

Output Signal Functions

OUT1	Functions
On	Setting Force Achieved

Note 1 The input signal is compatible with 3.3 ~ 24 VDC.

Note 2 Input and output signals are compatible with PNP and NPN. For more information, please contact us.

Note 3 The cable length (including power and I/O signals) is 1.5 m.

Note 4 The number of output signals on the **MEHC2-25-CL10** will be added to 3 points. For custom output signals or other requirements, please contact us.