

ELECTRIC GRIPPER

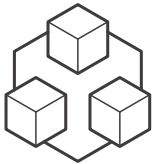
Integrated and Simplified Control



Economy

MEHC3 series

Features



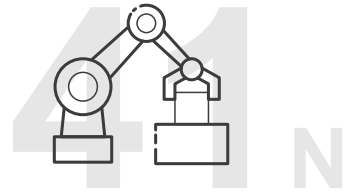
Highly Integrated

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.



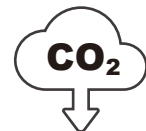
Simplified Wiring

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	MEHC3-25
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	V	24	
Current consumption	A	1.0	
Dimensions	mm	38.5 × 23.6 × 127.3	63.5 × 33.6 × 154.6
Weight	kg	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 Cable lengths (including power and I/O signals) are available in 0.5 m and 1.5 m options.