RM-EGB

COMPACT ELECTRIC FINGER

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Better Performance

0.1s	±0.02mm	10-80N	0-10mm
Max.Opening/Closing Time	Repeatability	Output range	Stroke range

"E" Series Electric Grippers

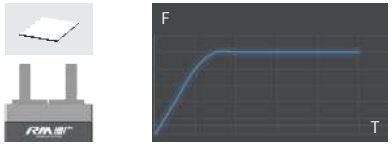


Support Control Method：I/O, Modbus RTU

01 COMPACT AND INTEGRATED

01 Highly integrated
02 Compact size
03 Simply connect one cable for plug-and-play
04 Easy control: Directly connect to the upper computer
05 One I/O signal enables internal/external gripping

02 STABLE PERFORMANCE



Stable motion and optimized handling reduce the risk of workpiece losses under high-speed opening and closing operations.

03 EFFICIENT

Faster Installation
Faster Troubleshooting
Faster Debugging
Lower Maintenance time

Product Parameters

Model	RM-EGB-06-6-ITG	RM-EGB-06H-16D	RM-EGB-06L-20D
Stroke (mm)	6	6	10
Gripping Force[1](N)	10/20/30/40	10/15/35/60	16/30/60/80
Absolute Position[2] (mm)	0/2/4	0/2/4	0/4/8
Repeat Positioning Accuracy(mm)	±0.02	±0.02	±0.02
Max.0pening/Closing Time (s)	0.3/0.3	0.1/0.1	0.18/0.18
Control Mode	I/O, Modbus RTU	I/O, Modbus RTU	I/O, Modbus RTU

1. Gripping Force has four preset levels, triggered by I/O combinations without any parameter adjustments. Gripping force accuracy is ±15%. The gripping performance is subjected to the workpiece material, surface condition, and clamping point position, and other factors.
2. Gripping Force has four preset levels, triggered by I/O combinations without any parameter adjustments.

I/O Input and Output Signal Description

Input signal description

NO.	IN1	IN2	IN3	RM-EGB-06-6-ITG/RM-EGB-06H-16D	RM-EGB-06L-20D
1				Open to limit, strength 100%	Open to limit, strength 100%
2		■		Position to 2mm, strength 100%	Position to 4mm, strength 100%
3			■	Position to 4mm, Strength 100%	Position to 8mm, Strength 100%
4		■	■	Open to limit, strength 50%	Open to limit, strength 50%
5	■			Clamp to limit, strength 100%	Clamp to limit, strength 100%
6	■	■		Clamp to limit, strength 75%	Clamp to limit, strength 75%
7	■		■	Clamp to limit, strength 50%	Clamp to limit, strength 50%
8	■	■	■	Clamp to limit, strength 25%	Clamp to limit, strength 25%

Output signal description

NO.	OUT1	OUT2	OUT3	Description
1				In motion
2		●		Open in place (detection of no externally supported workpiece or externally supported workpiece falling)/positioning movement in place
3		●	●	Opened in place and the outer support detects the workpiece
4	●			Clamp in place, detect no clamped workpiece/fall of clamped workpiece
5	●	●		The clamp is in place and the clamp detects the workpiece
6			●	The positioning movement is not in place and the strength reaches 100%
7	●	●	●	Equipment abnormality

Note: ■ The button is pressed. If it is blank, it means it is not pressed. ● The output indicator light is on. If it is blank, it is not on.