

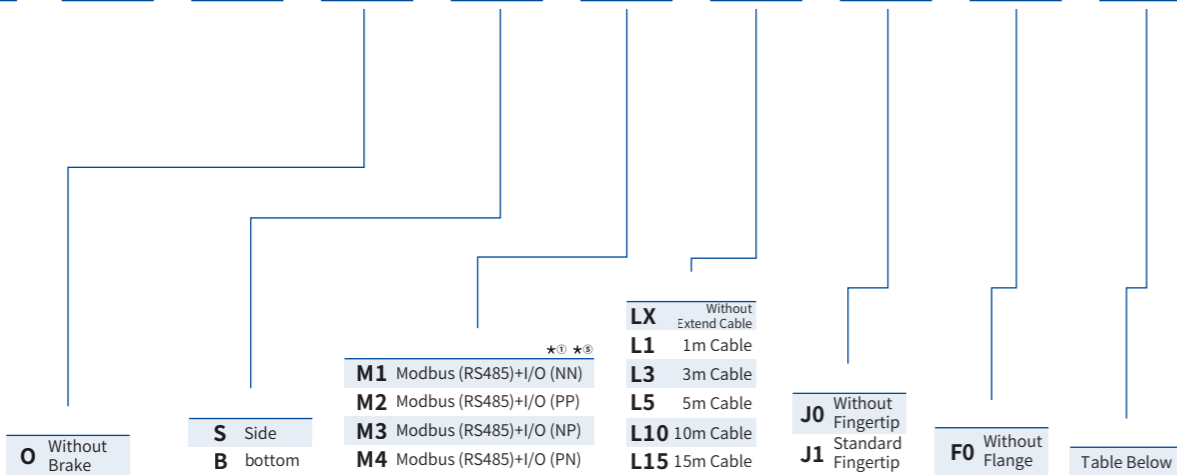
# PGE-5-26

Slim-type Electric Parallel Gripper



## Selection Method

Serie	Gripping Force	Stroke	Brake	Cable Direction	Communication Protocol	Cable Selection	Fingertip Selection	Flange Selection	Robot Cable
PGE	5	26	O	S	M1	L5	JO	F0	00

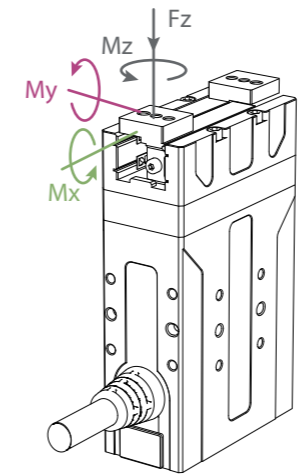


★①: I/O(NN): NPN/NPN  
I/O(PP): PNP/PNP  
I/O(NP): NPN/PNP  
I/O(PN): PNP/NPN

00	01	SIASUN	DOBOT CR	02	04	06	09	11	13	15
Without Robot Cable	Elite CS	Hanwha A	DOBOT Nova	AUBO	JAKA	ROKAE SR ROKAE ER	Doosan A	Elite EC	Neuromeka	Hanwha HCR
	UR CB	UR E		03	05	07	10	12	14	16
				ELEPHANT	TECHMAN	DOBOT MG400	Doosan M	Han's	FAIRINO	UF x Arm
										17
										ROKAE CR

★⑤ It is recommended that no more than 4 units of DH-Robotics products be accessed on a single 485 bus, otherwise 485 communication anomalies may occur. If you need to access more than 4 devices, it is recommended to contact the sales staff for product adjustment.  
**The Modbus RTU (RS485) to USB module will no longer be provided for free. Please place a separate order if needed.**

## TECHNICAL SPECIFICATIONS

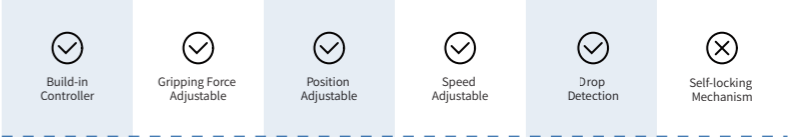


Static Vertical Allowable Load	
Fz	50 N
Allowable Loading Moment	
Mx	0.3 N·m
My	0.25 N·m
Mz	0.3 N·m

\*② The recommended load calculation is based on pure friction force gripping, with a friction coefficient of 0.2 and a safety factor of 4. The center of gravity shift of the gripped object will also affect the load. If you have any questions, please consult us.  
 \*③ Requires external communication converter or customization, please contact sales or technical support.  
 \*④ When selecting the power supply, please select according to the peak current. If the current is lower than the parameter, it will cause the product can not work normally.

Product Parameter	
Gripping force (per jaw)	0.8~5 N
Recommended workpiece weight *③	0.1 kg
Stroke	26 mm
Full stroke opening/closing time	0.3 s/0.3 s
Repeat accuracy (position)	± 0.02 mm
Weight	0.4 kg
Size	95 mm x 55 mm x 26 mm
Noise emission	< 50 dB
Driving method	Precise planetary gears + Rack and pinion

Working Environment	
Communication interface	Standard: Modbus RTU (RS485)、Digital I/O(2 inputs 2 outputs) Optional: TCP/IP、USB2.0、CAN2.0A、PROFINET、EtherCAT *③
Rated voltage	24 V DC ± 10%
Current	0.4 A(Rated)/ 0.7 A(Peak) *④
Rated power	9.6 W
IP class	IP 40
Recommended environment	0~40°C, under 85% RH
Certification	CE, FCC, RoHS



## Technical Drawings

