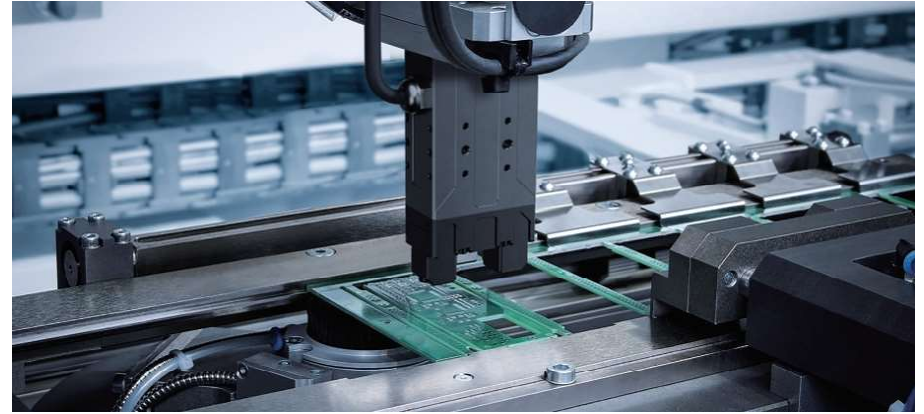


PGE Series

Slim-Type Parallel Grippers

Applications



Electronics handling



Pick & Place



Biochemical
inspection



Lab Automation



Semiconductors



Precision Assembly

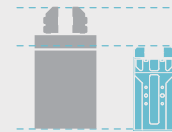
Features-PGE Series

Precise force control



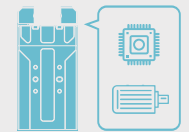
Multiple ways of
installation

Slim & thin in size,
space-saving mounting



Gripping feedbacks

Everything
integrated inside



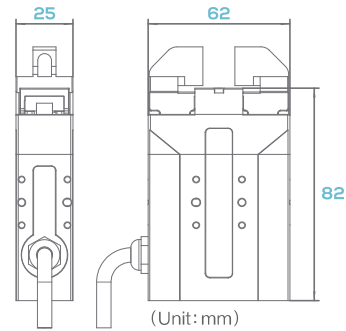
Quick response with
short cycle time

PGE Series

Slim-type parallel grippers

PGE-5

- Precise force control for fragile gripping tasks
- Slim & thin in size, space-saving mounting
- Everything integrated inside, easy-to-use mounting
- Mounting holes on 4 sides, flexible installation
- Gripping feedbacks with drop detection
- Quick response with short cycle time



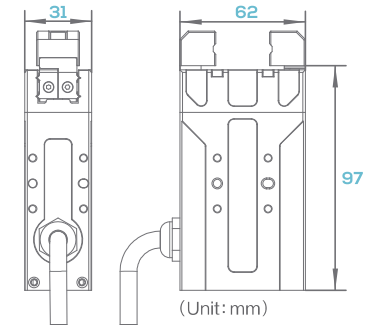
Max payload	0.1 kg*
Opening stroke	0–14 mm
Gripping force	0.8–5 N
Force repeatability	±0.3 N
Weight	0.2 kg
Power supply	24 V DC ±10%
Position repeatability	± 0.02 mm
Full-stroke closing time	0.2 s
Ingress protection rating	IP 40
Communication protocols	I/O Modbus RTU(RS 485)



*Related to the shape of object and friction between object and fingertips.
The offset of centre of gravity may also influence the payload.
Contact DH-Robotics for support if uncertainty remains

PGE-8

- Precise force control for fragile gripping tasks
- Slim & thin in size, space-saving mounting
- Everything integrated inside, easy-to-use mounting
- Mounting holes on 4 sides, flexible installation
- Gripping feedbacks with drop detection
- Quick response with short cycle time



Max payload	0.1 kg*
Opening stroke	0–14 mm
Gripping force	2–8 N
Force repeatability	±0.3 N
Weight	0.4 kg
Power supply	24 V DC ±10%
Position repeatability	± 0.02 mm
Full-stroke closing time	0.2 s
Ingress protection rating	IP 40
Communication protocols	I/O Modbus RTU(RS 485)



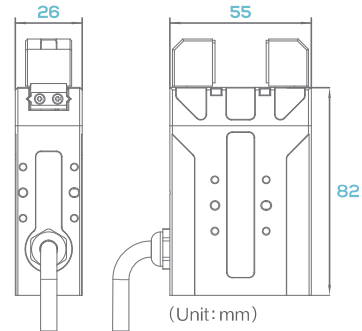
*Related to the shape of object and friction between object and fingertips.
The offset of centre of gravity may also influence the payload.
Contact DH-Robotics for support if uncertainty remains

PGE Series

Slim-type parallel grippers

PGE-15

- Precise force control for fragile gripping tasks
- Slim & thin in size, space-saving mounting
- Everything integrated inside, easy-to-use mounting
- Mounting holes on 4 sides, flexible installation
- Gripping feedbacks with drop detection
- Quick response with short cycle time



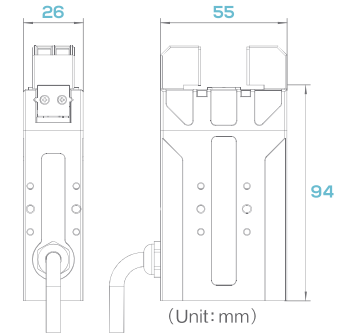
Max payload	0.2 kg*
Opening stroke	0–20 mm
Gripping force	6–15 N
Weight	0.2 kg
Power supply	24 V DC \pm 10%
Position repeatability	\pm 0.02 mm
Full-stroke closing time	0.3 s
Ingress protection rating	IP 40
Communication protocols	I/O Modbus RTU(RS 485)



*Related to the shape of object and friction between object and fingertips.
The offset of centre of gravity may also influence the payload.
Contact DH-Robotics for support if uncertainty remains

PGE-50

- Precise force control for fragile gripping tasks
- Slim & thin in size, space-saving mounting
- Everything integrated inside, easy-to-use mounting
- Mounting holes on 4 sides, flexible installation
- Gripping feedbacks with drop detection



Max payload	0.5 kg*
Opening stroke	0–20 mm
Gripping force	15–50 N
Weight	0.4 kg
Power supply	24 V DC \pm 10%
Position repeatability	\pm 0.02 mm
Full-stroke closing time	0.3 s
Ingress protection rating	IP 40
Communication protocols	I/O Modbus RTU(RS 485)



*Related to the shape of object and friction between object and fingertips.
The offset of centre of gravity may also influence the payload.
Contact DH-Robotics for support if uncertainty remains