Electric Parallel Grippers
EIG2-13100 2-Finger

EIG is an electric 2-finger parallel gripper that is equipped with two self-centering fingers.

Advantages

- Compact size
- Slim rectangular body with five installation positions for flexible mounting
- Grip actuation via embedded controller
- Grip control: force and position adjustment
- Quick open/close time with speed adjustment
- Grip feedback and part detection: gripper status can be read at the PLC/Controller and visualized on the unit via LED's
- Multiple communication modes: the gripper supports Modbus RTU protocol and IO mode control. Other protocols such as USB and ETHERNET can be implemented through a protocol converter.
- Brake locking mechanism on request.

SPECIFICATIONS

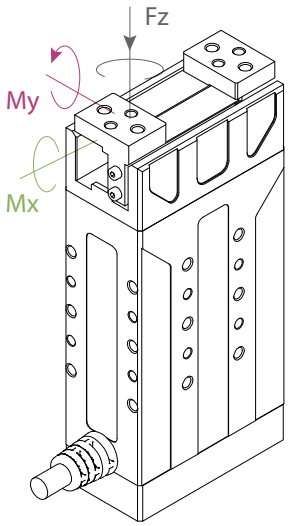
Model	Stroke per Jaw	Gripping Force per Jaw	Total Gripping Force	Opening/ Closing Time	Nominal Voltage	Nominal Current	Max Current	Repeatability (Positioning)	Recommended Workpiece Weight*	Weight
EIG2-13100	13 mm 0.51 in	30 - 100 N 6.74 - 22.48 lb	60 - 200 N 13.49 - 44.96 lb	0.5 / 0.5 s	24 V DC ± 10%	0.30 A	1.20 A	± 0.02 mm ± 0.001 in	2.00 kg 4.40 lb	0.55 kg 1.21 lb

* Recommended workpiece weight depends on the shape of the part, the material and friction of the contact surface and the acceleration of the motion.

Communication Interface **Standard: Modbus RTU (RS485), Digital I/O**
Optional: TCP/IP, USB2.0, CAN2.0A, PROFINET, EtherCAT

IP Protection Class **IP 40**
Noise Emission (Sound Pressure) **≤ 40 dB(A) in any direction**
Recommended operating environment **0-40 °C (32-104 °F), < 85% RH**

For this type of gripper the use of the standard fingers is recommended.



Allowable vertical load (static)	
Fz	150 N (33.72 lb)

Allowable moment (static)	
Mx	2.5 Nm (22.13 in-lb)
My	3.0 Nm (26.55 in-lb)
Mz	4.0 Nm (35.40 in-lb)

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PRODUCT INFORMATION

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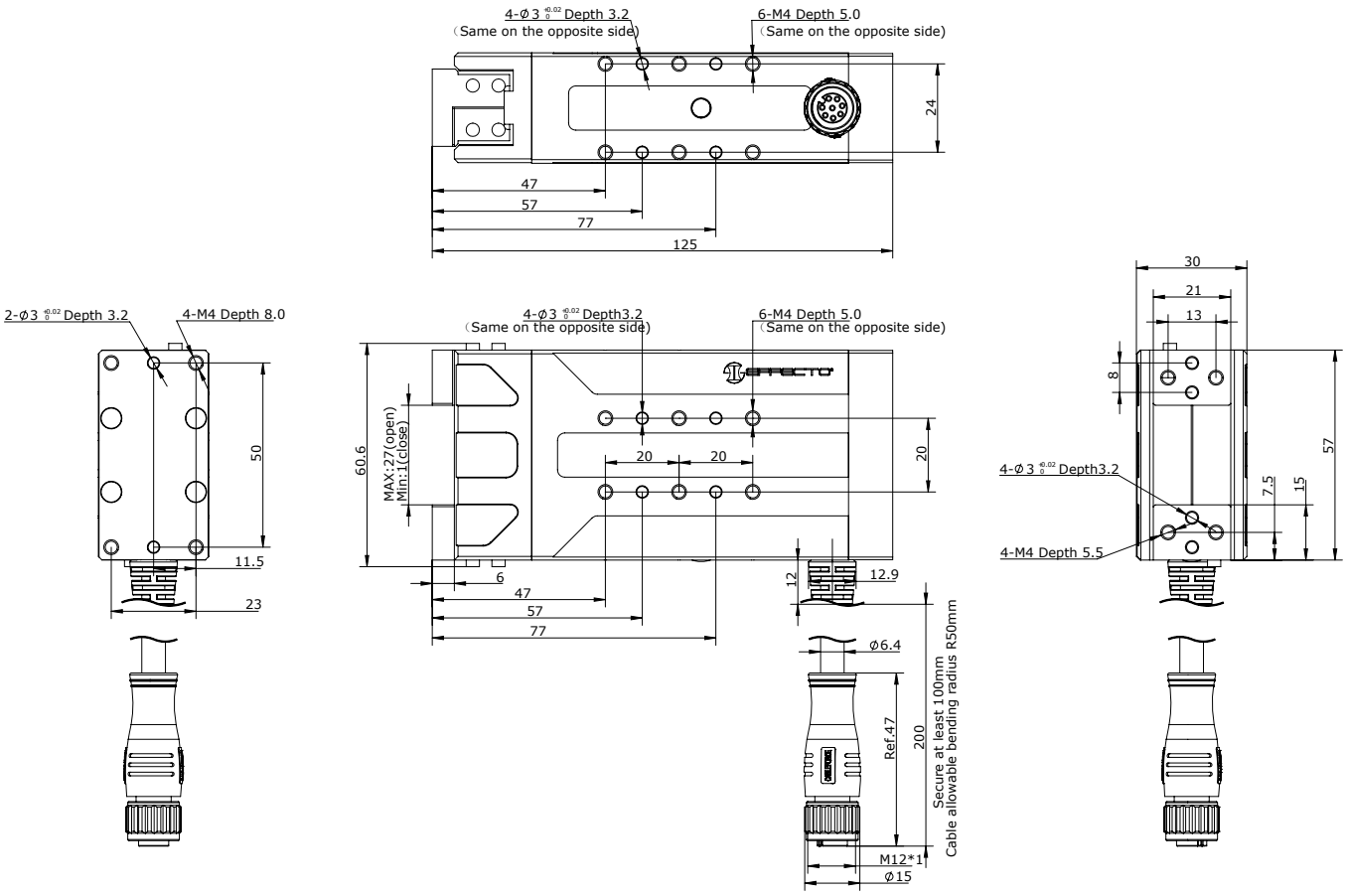

Applied Robotics
A COMPANY OF EFFECTO
Applied Robotics
648 Saratoga Road
Glenville, NY 12302 USA
Tel. +1 518 384 1000 Fax +1.5183841200
info@appliedrobotics.com
www.appliedrobotics.com

EFFECTO
EFFECTO GROUP S.p.A.
Via Roma, 141/143
28017 San Maurizio d'Opaglio (NO) - Italy
Tel. +39 0322 96142 Fax +39 0322 967453
info@effecto.com
www.effecto.com

10.2023_Rev.01_EU