

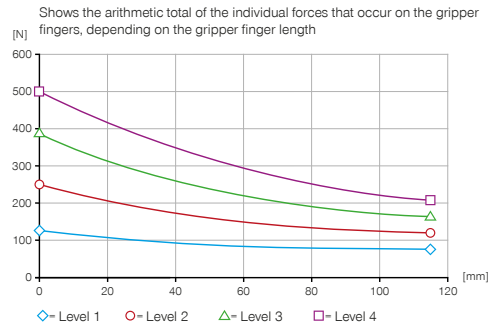
# 2-JAW PARALLEL GRIPPERS

## INSTALLATION SIZE GEP2016

### ▶ PRODUCT SPECIFICATIONS



#### ▶ Gripping force diagram



#### ▶ Forces and moments

Displays static forces and moments that can also have an effect, besides the gripping force.



Mr [Nm]	28
Mx [Nm]	28
My [Nm]	20
Fa [N]	450

### ▶ TECHNICAL DATA

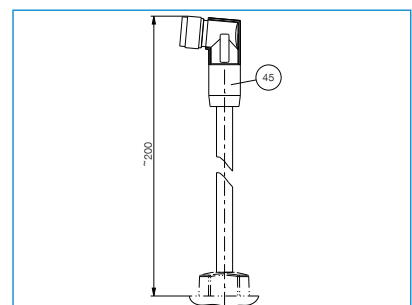
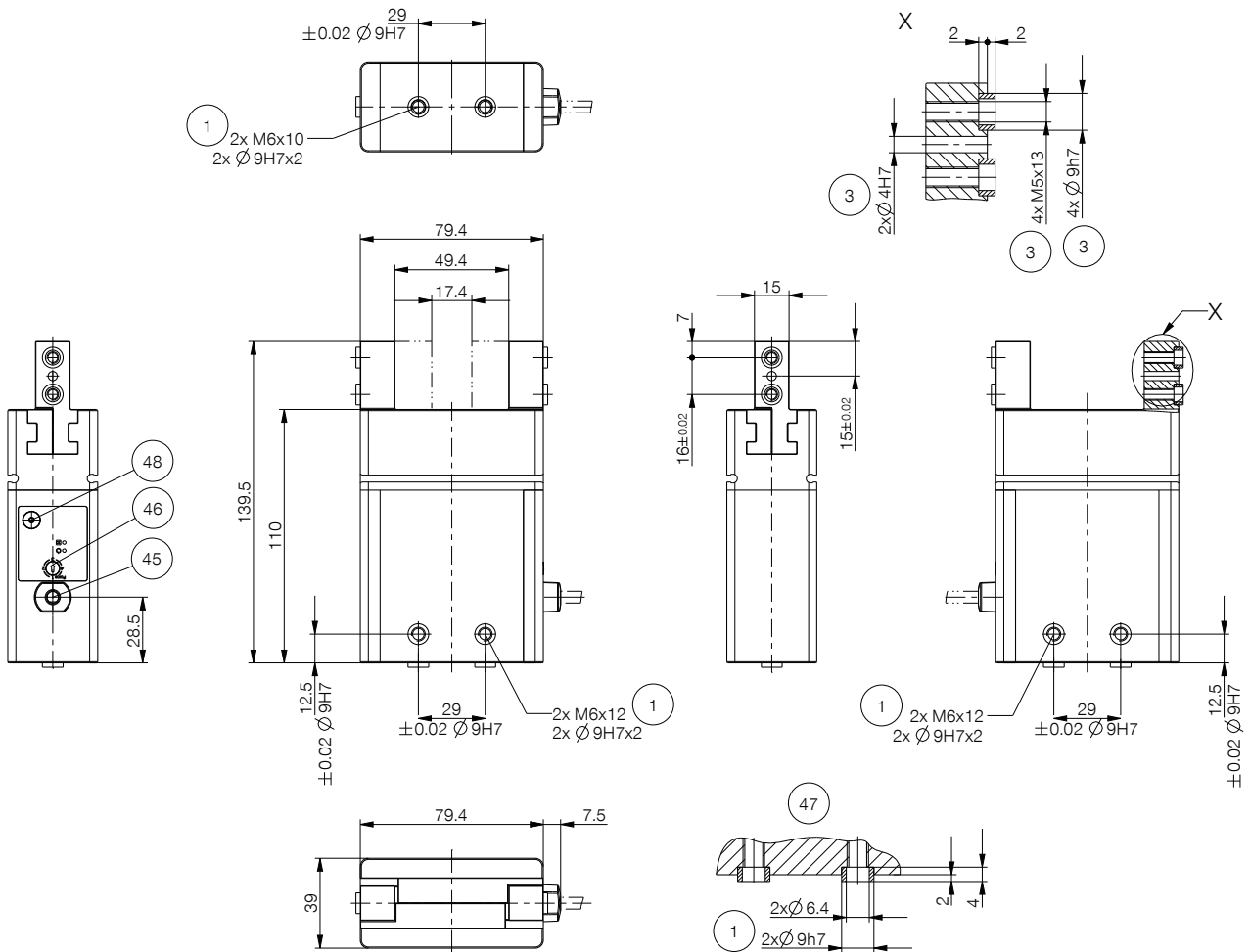
Order no.	Technical data
Suitable for robot type	Universal Robots e-Series
Control	I/O
Integrated position sensing	Analog 0 to 10 V
Stroke per jaw [mm]	16
Self locking mechanism	mechanical
Control time [s]	0.055
Dead weight of mounted gripper finger max. [kg]	0.21
Length of the gripper fingers max. [mm]	120
Repetition accuracy +/- [mm]	0.02
Operating temperature [°C]	5 ... +60
Voltage [V]	24
Current consumption max. [A]	2
Minimum positioning path per jaw [mm]	0.5
Protection to IEC 60529	IP40
Weight [kg]	0.94

### ▶ TECHNICAL DATA OF THE FORCE LEVELS

Order no.	Level 1
Gripping force [N]	125
Closing time / Opening time [s]	0.44 / 0.44
Order no.	Level 2
Gripping force [N]	250
Closing time / Opening time [s]	0.39 / 0.39
Order no.	Level 3
Gripping force [N]	375
Closing time / Opening time [s]	0.35 / 0.35
Order no.	Level 4
Gripping force [N]	500
Closing time / Opening time [s]	0.3 / 0.3

## ▶ TECHNICAL DRAWINGS

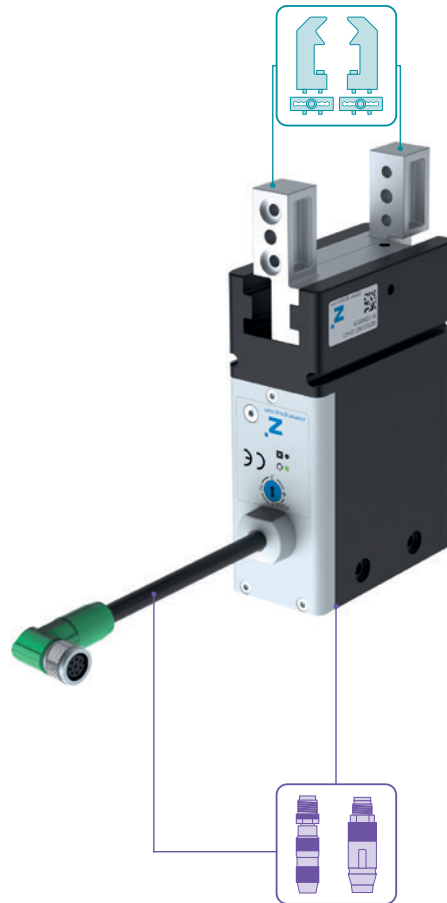
- ① Gripper attachment
- ③ Fixing for gripper finger
- ⑥ Integrated slot for magnetic field sensor
- ④5 Energy supply (M8, 8-pole)
- ④6 Force level setting
- ④7 Gripper mounting clamp
- ④8 Emergency release



# 2-JAW PARALLEL GRIPPERS

## INSTALLATION SIZE GEP2016

### ▶ ACCESORIES



### ▶ INCLUDED IN DELIVERY



6 [piece]  
Centering Disc

343453

▶ RECOMMENDED ACCESSORY GEP2016IO-12-B-01



CONNECTIONS / OTHER



**AP000018**  
Adapter plate