

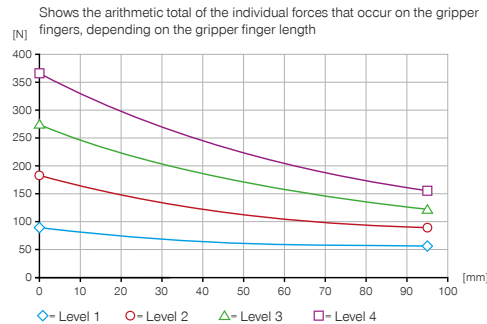
# 2-JAW PARALLEL GRIPPERS

## INSTALLATION SIZE GEP2013

### ▶ 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]	13
Mx [Nm]	13
My [Nm]	10
Fa [N]	325

### ▶ TECHNICAL DATA

▶ Technical data	
<b>Order no.</b>	<b>GEP2013IO-12-B-01</b>
Suitable for robot type	Universal Robots e-Series
Control	I/O
Integrated position sensing	Analog 0 to 10 V
Stroke per jaw [mm]	13
Self locking mechanism	mechanical
Control time [s]	0.055
Dead weight of mounted gripper finger max. [kg]	0.15
Length of the gripper fingers max. [mm]	100
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]	0.55

### ▶ TECHNICAL DATA OF THE FORCE LEVELS

▶ Level 1	
<b>Order no.</b>	<b>GEP2013IO-12-B-01</b>
Gripping force [N]	90
Closing time / Opening time [s]	0.42 / 0.42

▶ Level 2	
<b>Order no.</b>	<b>GEP2013IO-12-B-01</b>
Gripping force [N]	180
Closing time / Opening time [s]	0.32 / 0.32

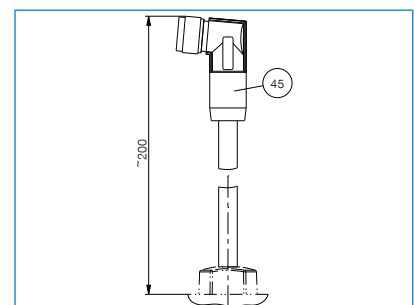
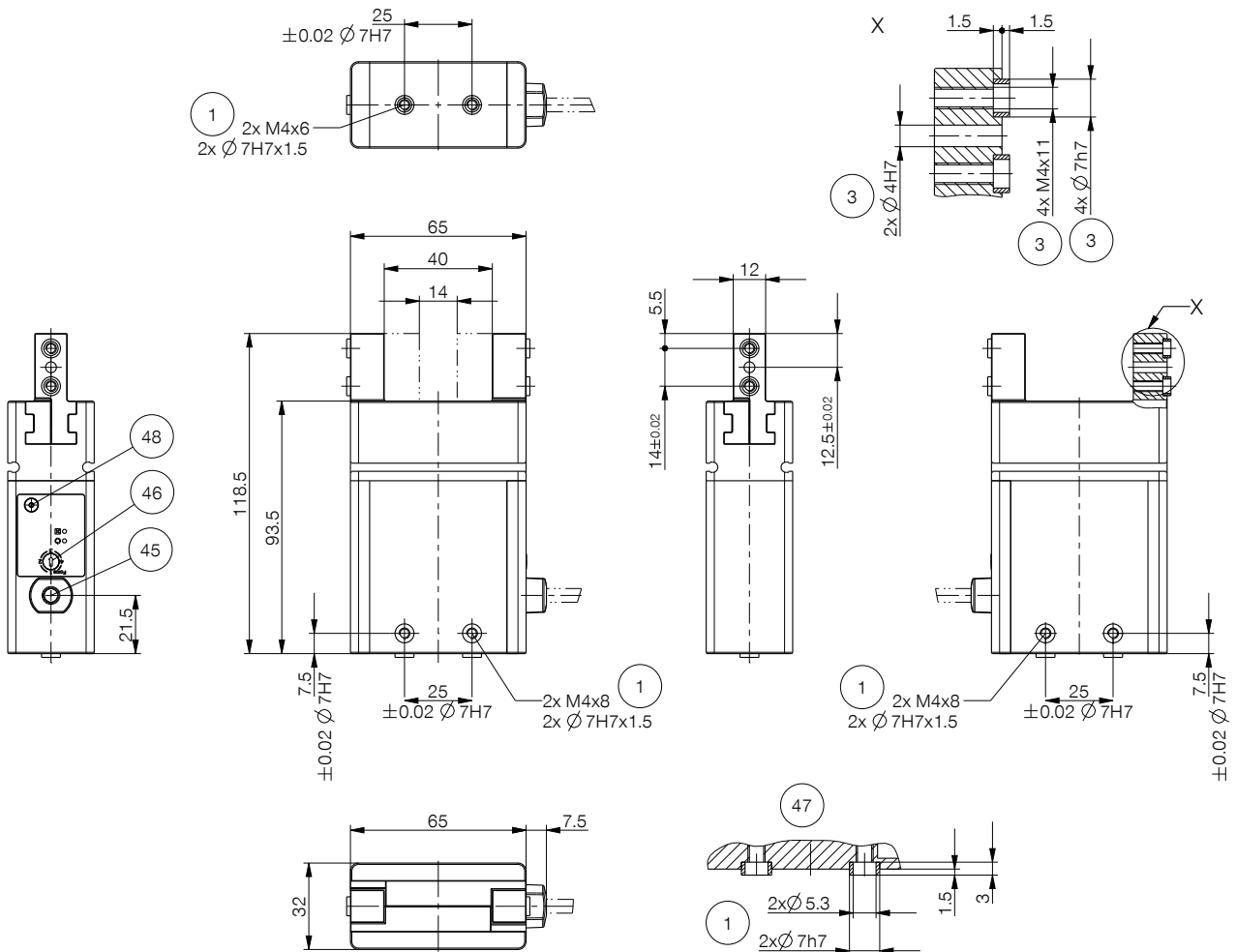
▶ Level 3	
<b>Order no.</b>	<b>GEP2013IO-12-B-01</b>
Gripping force [N]	270
Closing time / Opening time [s]	0.26 / 0.26

▶ Level 4	
<b>Order no.</b>	<b>GEP2013IO-12-B-01</b>
Gripping force [N]	360
Closing time / Opening time [s]	0.23 / 0.23

## TECHNICAL DRAWINGS

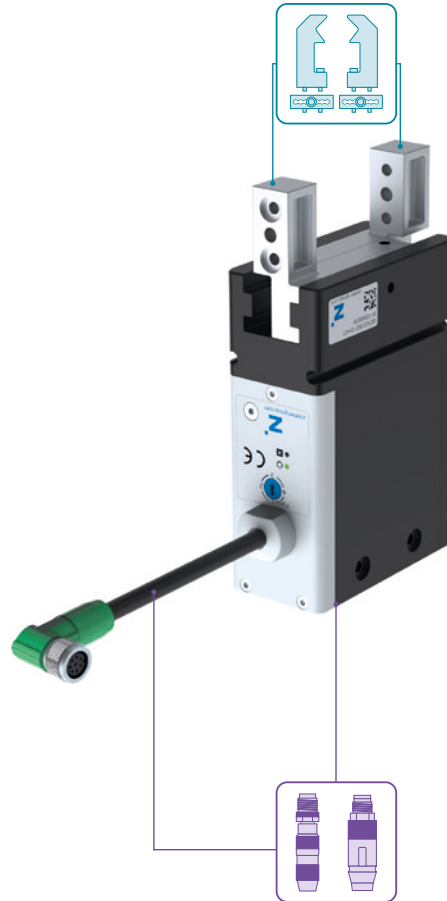
- ① Gripper attachment
- ③ Fixing for gripper finger
- ⑥ Integrated slot for magnetic field sensor
- ④5 Energy supply (M8, 8-pole)
- ④6 Force level setting
- ④7 Gripper mounting clamp
- ④8 Emergency release



# 2-JAW PARALLEL GRIPPERS

## INSTALLATION SIZE GEP2013

### ▶ ACCESORIES



### ▶ INCLUDED IN DELIVERY



6 [piece]  
Centering Disc

**390677**

▶ RECOMMENDED ACCESSORY GEP2013IO-12-B-01



CONNECTIONS / OTHER



**AP000018**  
Adapter plate