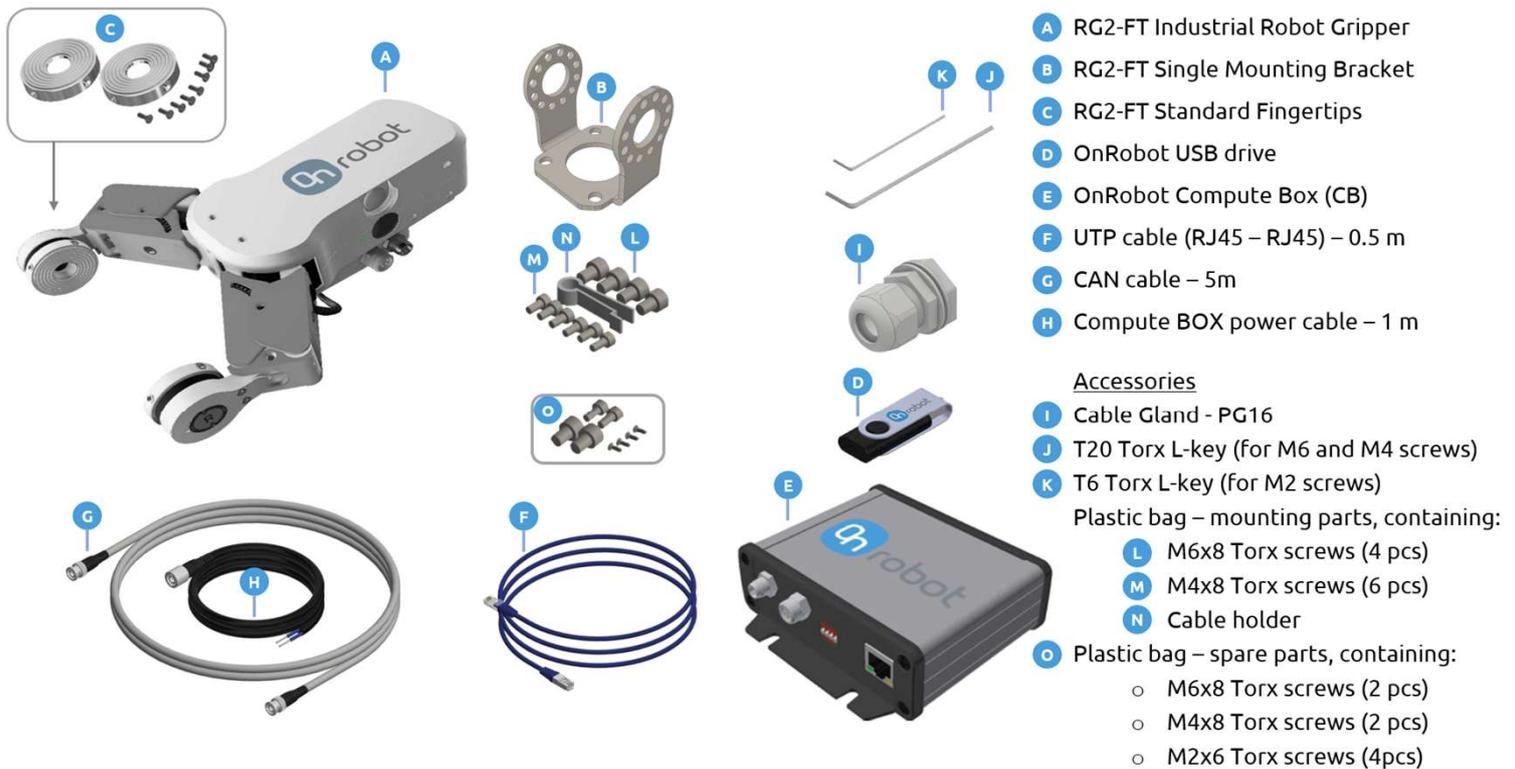


Congratulations on your new RG2-FT Industrial Robot Gripper !

Scope of delivery for standard RG2-FT gripper



The **RG2-FT User Manual** is enclosed in the USB stick

Getting started

- To get started follow the steps in page 2-3-4



WARNING: It is important that the user/implementer of this product has understood the **RG2-FT** and the Universal Robots User Manuals before connecting the gripper.

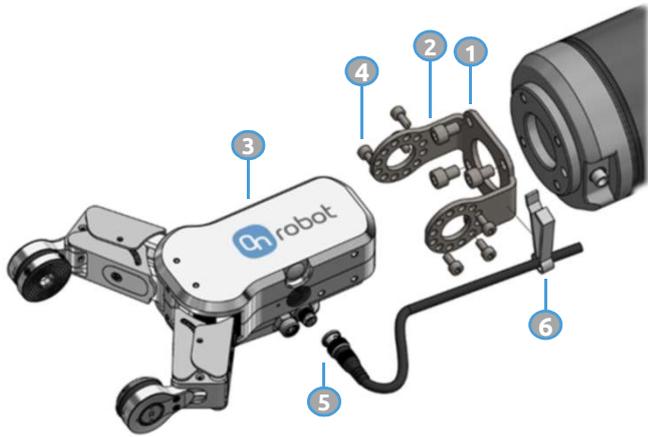
Update your RG2-FT functionalities

In the future, new functionalities will be released.

Check regularly www.onrobot/support/ to get the latest:

- RG2-FT Software Package
- RG2-FT User Manual

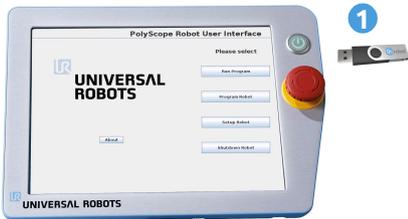
1 Mount RG2-FT



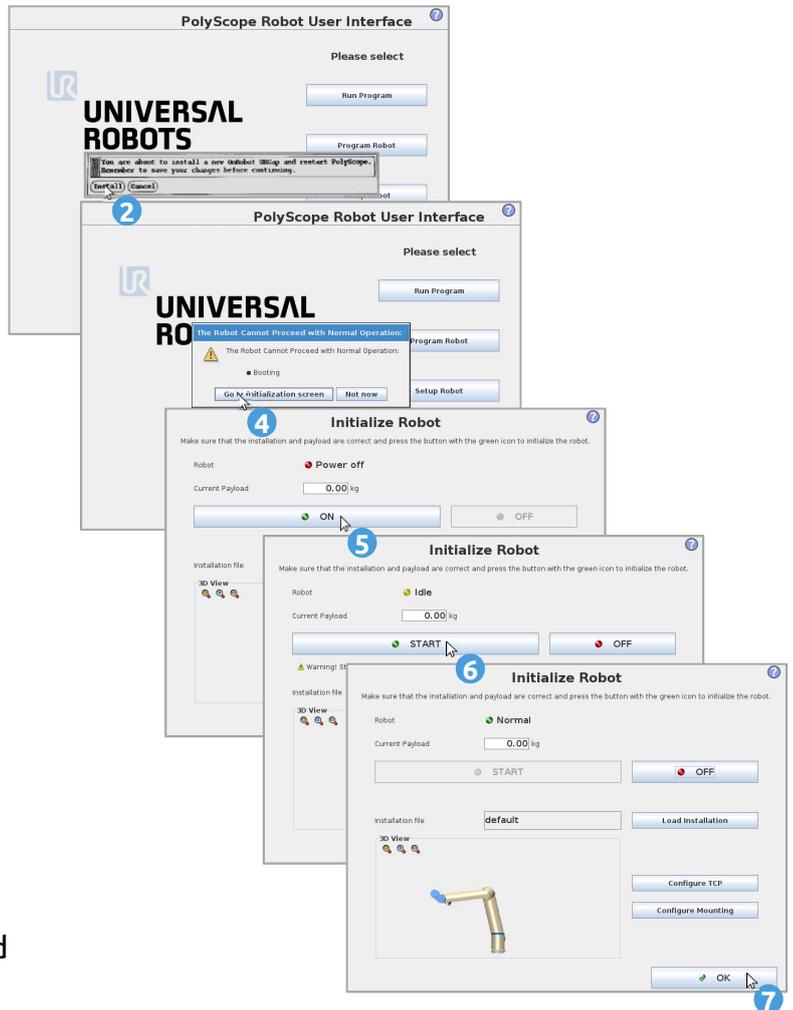
1. Place the bracket **B** on the robot flange
2. Tighten M6 screws (4 pcs) **L**
3. Place RG2-FT **A** on the bracket **B** as shown on the image
4. Tighten M4 screws (6pcs) **M**
5. Connect the RG2-FT cable **G** to the Gripper

6. Fix the RG2-FT cable to the robot with the cable holder **N**
7. Connect the RG2-FT cable **G** to the Compute Box **E**
8. Use the cable **N** to connect the Compute Box **E** to the robot controller
9. Use the cable **H** to power the Compute Box **E** from the robot controller

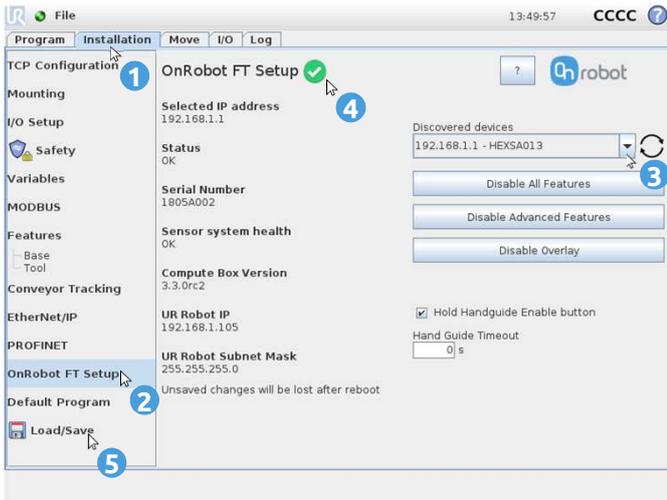
2 Install RG2-FT Software Package



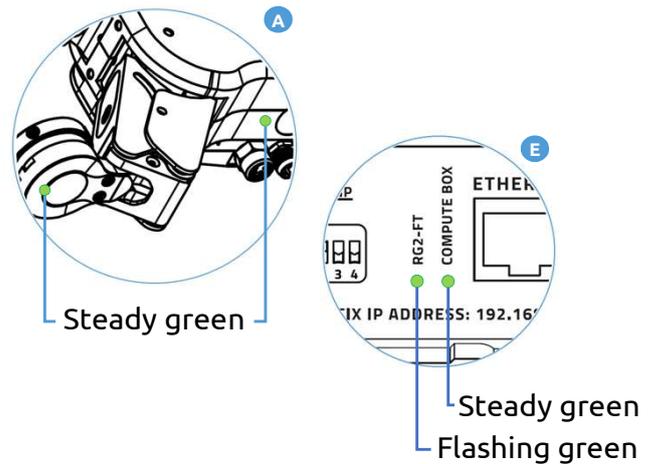
1. With the system powered on, insert the **USB stick** into the teach pendant
2. To confirm the installation process press **"Install"**
3. Wait for system to reboot (it can take a while – approx. 1min)
4. Press **"Go to initialization screen"**
5. Press **"ON"**
6. Press **"START"**
7. Press **"OK"** – the installation is finished



3 Connect to RG2-FT

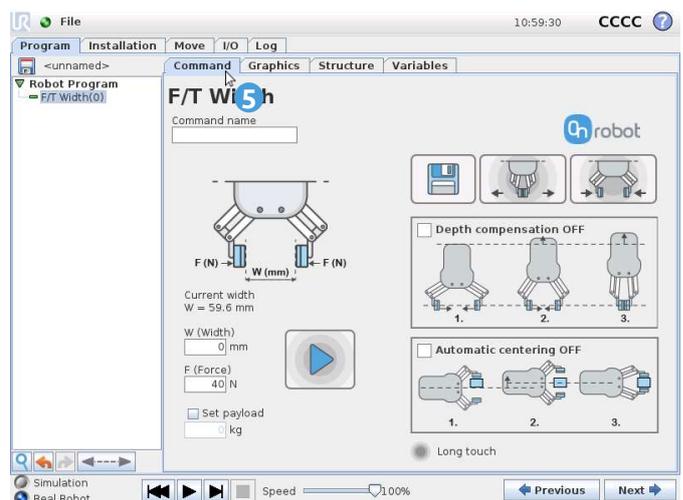
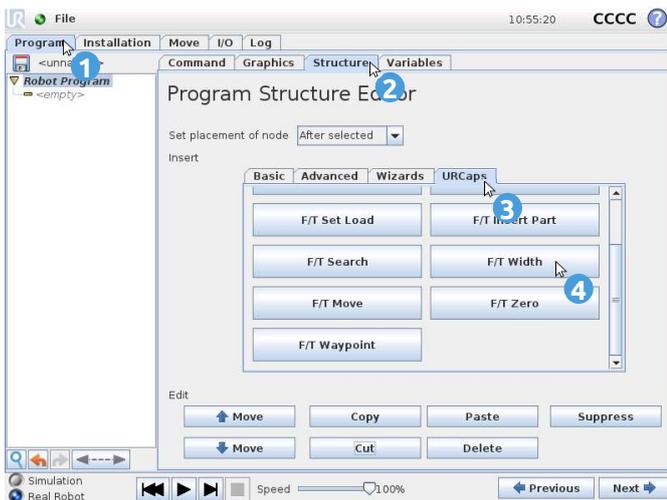


LED status at normal operation



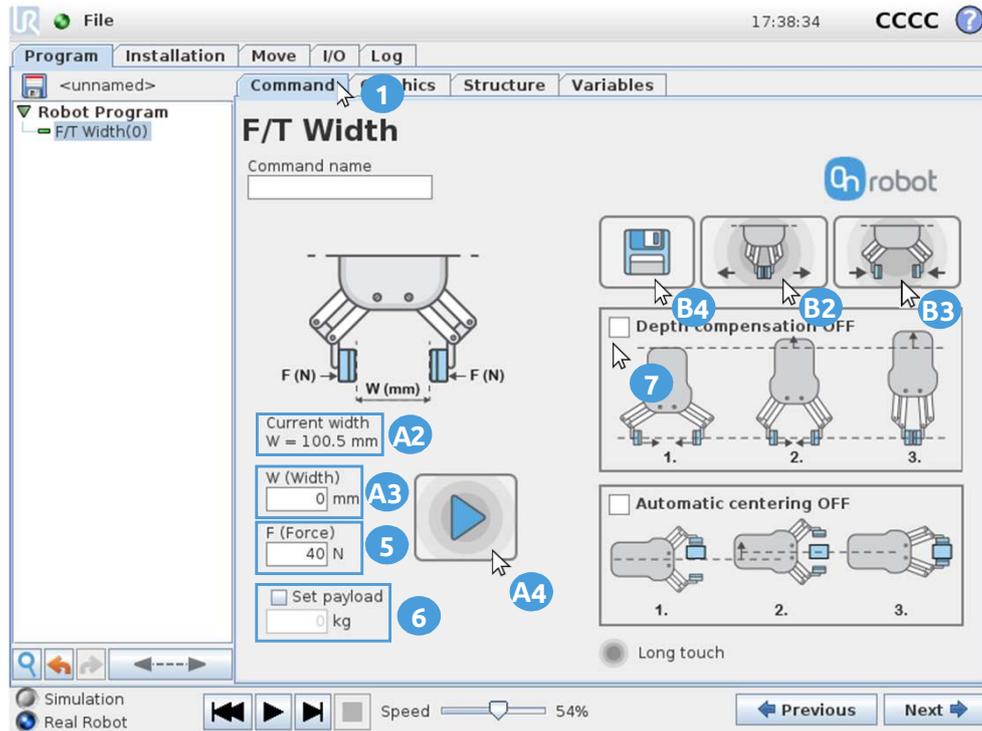
1. Press the **"Installation"** tab
2. Press **"OnRobot FT setup"**
3. Select the RG2-FT from the **"Discovered devices"**
If there is only one available device it will connect automatically
4. Wait for the green signal
5. Press **"Load/Save"** to save settings. Your RG2-FT is ready to use!

4 Add an RG2-FT Node – e.g. F/T Width control



1. Press the **"Program"** tab
2. Press the **"Structure"** tab
3. Press the **"URCaps"** tab
4. Press **"F/T Width"**
5. Press **"Command"** tab

5 Open/Close the RG2-FT with the F/T Width node



1. Press the **“Command”** tab

Method 1

A2. The **“Current width”** shows actual width of the RG2-FT

A3. Set the desired RG2-FT **“w(Width)”**

A4. Long press the **Play button** to execute command

Method 2

B2. **Open** the RG2-FT by using the button (hold-to-run)

B3. **Close** the RG2-FT by using the button (hold-to-run)

B4. Press the **Save button** to save the gripper actual width in the current node (Optional)

Functions valid for both methods

5. Set the **F(Force)**

6. Set the **Payload** (workpiece weight)

7. Enable or disable **“Depth Compensation”** (See functionality in User Manual 3.3.1)

8. Enable or disable **“Automatic centering”** (See functionality in User Manual 3.3.1)



NOTE:

After installation, example programs are available on the robot, in the following folder **Programs/OnRobot_UR_Programs**