

Product information | Replacement Front Assembly and Chassis

NOTE

Incorrect spare parts

Using spare parts that are not ordered from Beckhoff Service can lead to unsafe and faulty operation.

- a) Only use spare parts that you have ordered from Beckhoff Service.

You can replace both the front panel assembly and the chassis of your device on your own. Order the appropriate replacement parts from your Beckhoff service center.

Before you can replace the front assembly or the chassis, you must separate these two components from each other. For information on how to disassemble the front assembly from the chassis and then reassemble them, see Chapter 6.2.1, "Access to Device Components," in the section titled "Access to the Battery and Fan" in the [▶CP32xx-2xxx](#) documentation.

After loosening the screw connection between the front assembly and the chassis, you must disconnect the power cable (1), the IPEX cable (2), and the earth strap (3), and then reconnect them between the new components. All you need to do is disconnect the cables from the component you want to replace. The following illustrations show the cable connection points on the front assembly and the chassis.

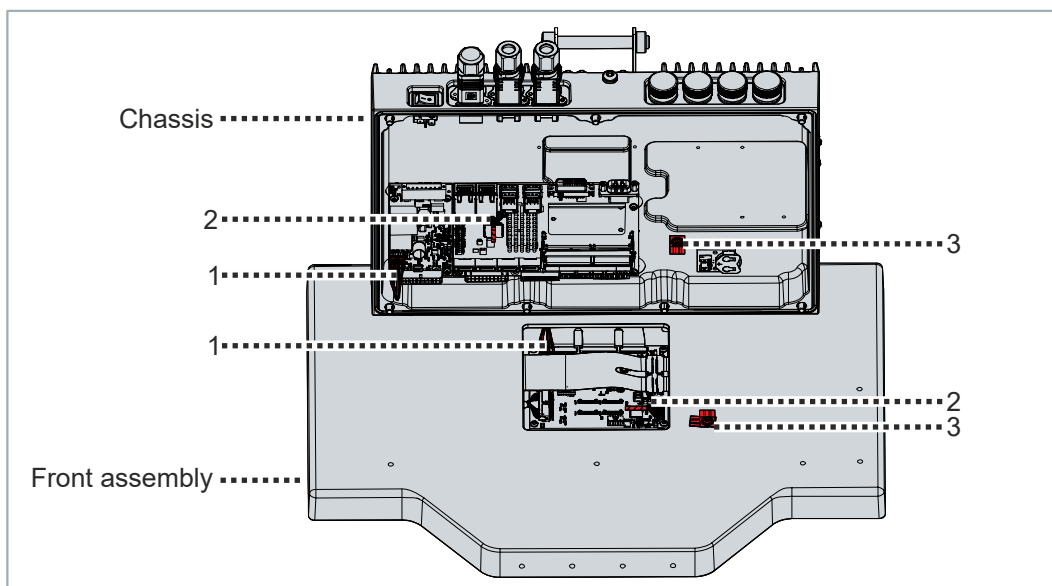


Fig. 1: Cable connections

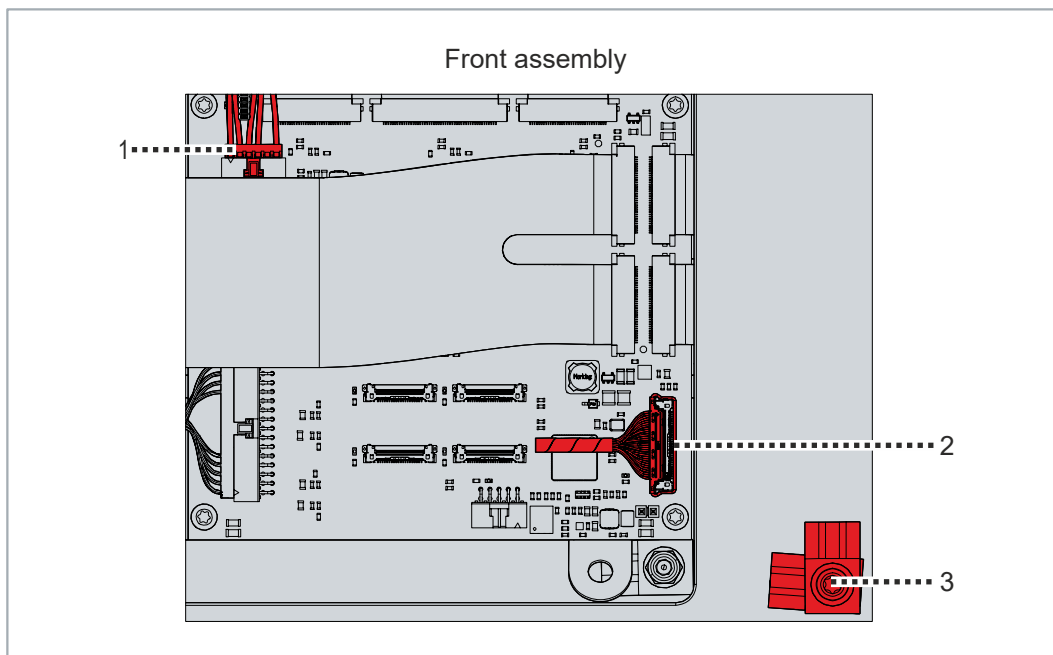


Fig. 2: Front Panel Assembly Connection Points

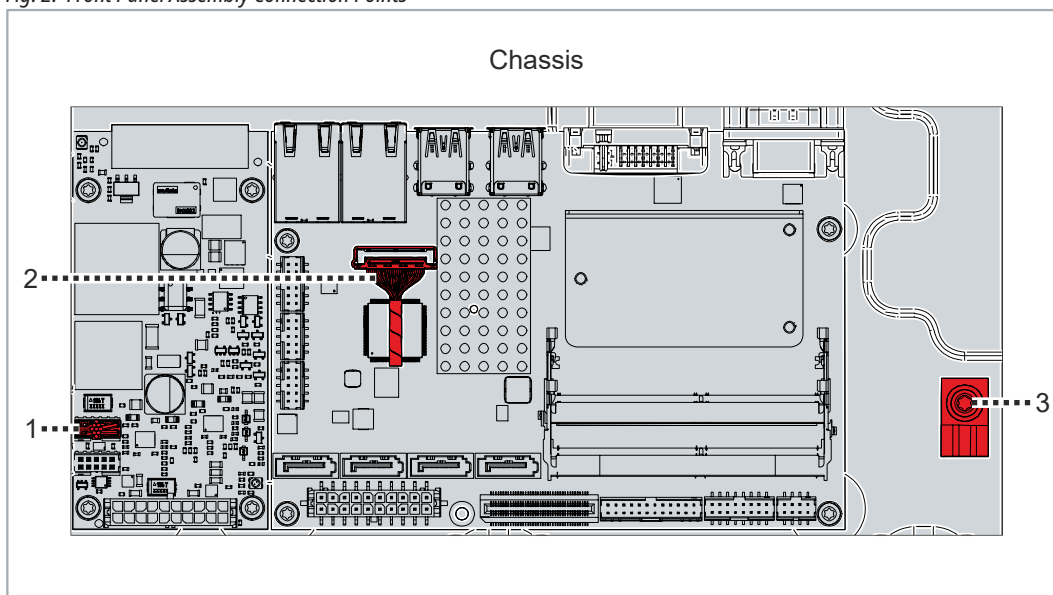


Fig. 3: Chassis Connection Points

To disconnect and then reconnect the cables between the front assembly and the chassis, follow these steps:

1. Pull the power cable (1) out of the connection socket.
2. Push up the lever on the connection socket of the IPEX cable (2).
3. Pull the IPEX cable out of the connection socket, keeping it parallel to the circuit board. Avoid damage.
4. Loosen the TX20 M4 screws securing the grounding strap (3) to the front assembly and the chassis.
 - You have disconnected all cable connections between the front assembly and the chassis.

5. Reconnect the earth straps from the front assembly and the chassis to the TX20 M4 screw, and retighten them to a torque of 1–1.2 Nm.
 6. Plug the IPEX cable back into the connection socket so that it runs parallel to the circuit board.
 7. Push down the lever on the connection socket of the IPEX cable.
 8. Plug the power cord back into the corresponding connection socket.
- You have connected the cables between the new components.

If you want to replace the chassis, you'll also need to remove the support arm brackets and reinstall them on the new chassis. To do this, remove the two TX 30 M6 screws and then reattach them to the new chassis, tightening them to a torque of 5–6 Nm.

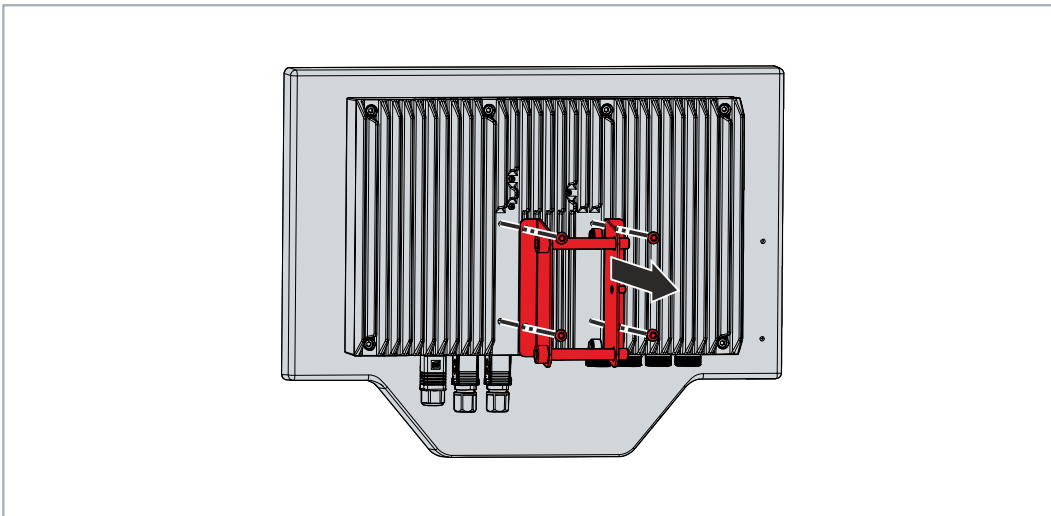


Fig. 4: Removing the Support Arm Mounts

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