To connect a mouse

► Connect the keyboard to the USB type A connector at the rear panel.

When connected, the R&S SMB detects the mouse automatically.

To connect power sensors

You can also connect power sensors of the R&S NRP series either directly at the USB interface, or using an USB hub, e.g. R&S NRP-Z5 with several connected power sensors.

For sensors with network capabilitiy, you can use the LAN interface, see

► To connect a power senor to the USB type A connector, you have several options:
- Connect the sensor to the USB type A connector
  If necessary, use an adapter cable, e.g. R&S NRP-Z3 or R&S NRP-Z4
- Connect several sensors to an USB hub, and the hub to the R&S SMB.

See Chapter 4.3.6, "RF Measurement", on page 167.

3.1.10 Connecting to RF

The "RF" connector is at the front panel.

To prepare for connecting to RF

1. **NOTICE!** Damaged or not clean connections can lead to RF insertion loss and mismatch, and even premature wear of the connectors.
   Before connecting to the port, inspect the RF connector visually to check that it is clean, undamaged and mechanically compatible.
   See the application note 1MA99 for information on how to handle and maintain the RF port, to minimize measurement deviations and ensure its longevity.
2. **NOTICE!** Risk of instrument damage. Excessive reverse power or DC voltage at the RF connector can damage the instrument.
   Make sure that the values do not exceed the reverse power and DC limits as given in the data sheet.
3. If the R&S SMB is switched on, deactivate the RF output, before connecting an RF cable to the RF connector.
   In the home screen, select the block "Level" > "RF ON > Off".

To connect to non-screwable connectors (BNC)

1. Use a high-quality RF cable that matches the RF connector type.
   See "Cable selection and electromagnetic interference (EMI)" on page 23.
2. To connect the RF cable with the RF connector, proceed as follows:
   a) Carefully align the connector of the cable and the RF connector along a common axis.