

ROBUST RRT 22, RRT 22.1/22.2, RR/RT 23 and RRT 24

Frequently Asked Questions

The transmitter – receiver LEDs do not light up.

- Check the supply voltage at terminal 1 (+24V) and terminal 2 (0V), or for Robust 23, terminal 1 (+24V) and terminal 3 (0V).

The receiver LED is lit up red and the transmitter LED is lit up yellow.

- Check the alignment.
- Check the range between the transmitter and receiver and/or deflecting mirror.
- Is the green LED on the receiver flashing (weak light reception)?
If so:
 - Check the alignment.
Check whether the "red protective lenses" on the deflecting mirror are steamed up (due to changes in temperature) or dirty.
- If deflecting mirror columns are being used, please note that there is a decrease in range of approx. 10% per deflection.
- If a PM 2V or PM 4V deflecting mirror is being used, make sure that the transmitted beam strikes the V mirror.
- Check whether the mirrors in the PM 2 and/or PM 4 are mechanically defective (due to possible transport damage).
- If AMI 42 are being used, it must be ensured that its transmitter and/or receiver optics are active. receiver module: LED yellow = on with UB(LED is lit up faintly or strongly in dependence from the sensitivity to light) transmitter module: LED yellow = transmitter aktiv
- Make sure that the transmitter is activated.
Connect the test input with the test signal of an evaluation device.
RRT 22 = Pin 2
RT 23 = Pin 4
RRT 24 = Pin 3

The receiver switches off sporadically.

- Check to see whether different light grids are mutually disturbing each other's operation (e.g. by being placed one behind the other).
- Check for interference from outside light.

The yellow LED on the receiver is flashing.

- The light grid is signaling a system error.
- Call the Leuze lumiflex hotline.

The Robust light grid is active (the green LED on RR/RRT is lit up) but not enabled.

- Check the wiring between the AOPD and the interface (see user manual).