

## ROBUST 42/43/44

### Frequently Asked Questions

The transmitter – receiver LEDs do not light up.

- Check the supply voltage at terminal 1 (+24V) and terminal 2 (0V).

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

- Check the alignment.
- Check the range between the transmitter and receiver and/or deflecting mirror.
- If deflecting mirror columns are being used, please note that there is a decrease in range of approx. 10% per deflection.
- Is the green LED on the receiver module flashing (weak light reception)?  
If so:
  - Check the alignment.
  - Check whether the "red front windows" on the deflecting mirrors are steamed up (due to quick changes in temperature) or dirty.
- 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 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

The receiver switches off sporadically.

- Check to see whether different AOPDs 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 is lit up) but not enabled.

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