



1. Overfilling control of SMD LEDs

The level of transparent casting compound in SMD LEDs should be controlled with regard to overfilling. For this purpose an analog laser sensor type **A-LAS-F12-4x0.5-100/50** in connection with an amplifier **A-LAS-CON1** are used. The aperture of the laser beam is 4mm x 0.5mm. The laser beam is directed horizontally and touches the SMD LEDs. In case of overfilling, the laser beam will be covered a bit more. A proper detection of overfilling of the transparent casting compound is possible, as shown in the screen shots.

