



1. Position control of filament holders in bulbs

The position of the filament holders in bulbs should be controlled. For this purpose an analogue laser light barrier type **A-LAS-F12-4x0.5-20/50** in connection with an amplifier **SI-CON8** is used. At this, the filament will be moved through the laser light curtain 4mm x 0.5mm. The filament holder causes a higher absorption of the laser light compared to the normal filament, thus the fastener can be proper detected, as shown in the screen shots.

