



1. Detection of the distance holders of a filament in a bulb

The position of the distance holders of a filament should be controlled. There is only a chance to use a reflective system due to space reasons. The bulb together with the filament and the holders can be moved position controlled. Thus a line scan reflective sensor type **L-LAS-RL-20-R** can be used. The unit comes with a measurement range of around 20mm at a distance to the object of about 55mm. At this the sensor is arranged at an angle of 35° to the vertical axis. As shown in the screen shots, the distance holder can be proper detected.

