



1. Position monitoring of washers in plastic components

The orientation of washers (backside or front side above) should be checked. To control from the top (perpendicular to the surface) is not possible due to arrangement reasons. At this a laser displacement sensor type **L-LAS-LT-50-CL** is used to control the height of the washer under around 20° to the vertical axis. The distance to the surface of the washer is approximately 50mm. A proper detection of the orientation of the washer is possible as shown in the screen shots.

