



1. Presence control of the sleeve on an injection needle

The presence of a sleeve should be controlled. For this purpose the **L-LAS-TB-F-6x1-100/100-CL** is used. At this the injection needle in connection with the sleeve (if present) will be shifted perpendicular into the laser light curtain, which comes with a width of 6mm. With the L-LAS-TB sensor the diameter of the needle as well as the needle in connection with the sleeve will be measured. As shown in the screen shots, a proper differentiation "needle with / without sleeve" is possible.

