



1. Edge detection of a fabric

The lateral position of a wide-meshed fabric should be controlled in a range of 20mm. At this, the necessary accuracy should be $\pm 2\text{mm}$ and the bandwidth of the analogue output signal has to be a few Hz. For this purpose a line scan sensor type **L-LAS-RL-20-W** is used. The distance of the sensor to the fabric is approximately 55mm and the sensor is arranged and tilted at an angle of 30° to the fabric. The measurement range of the line scan sensor is 20mm and in activating the average mode (32, 64 or 128), the required accuracy can be problem-free reached.

