



1. Pin width control of electrical components

The width of the pins of an electrical component should be controlled. The laser sensor type **A-LAS-F08-(0.3x1)-20/50** is perpendicular aligned to the electrical component. The laser sensor is connected to an **A-LAS-CON1** control electronic and the software is parameterized in the self-trigger mode. In the trigger window the minimum value of the analogue signal will be stored and sent to the analogue output of the control electronic at the end of the respective trigger window. Furthermore the minimum value will be checked, whether it is in or out of the tolerance window and a digital signal is available at the digital output of the control electronic. The scan frequency of the system is approximately 40kHz which allows a fast movement of the electrical components.

