



1. Diameter control of different wires during the production

The diameter of different metal wires should be controlled during the production process. For this purpose a laser through beam sensor type **L-LAS-TB-F-40/40-6x1-CL** is used. The measurement range of the laser sensor is 6.5mm and the resolution around 2 μ m. At this the analog signal (0V to +10V) is used from a PLC for further calculations (calculation of the minimum diameter). The analog signal informs about the diameter of the object.

