



1. Attitude control of an asymmetric suppressed spring

The attitude of an asymmetric suppressed spring should be controlled. For this purpose a line scan sensor type **L-LAS-RL-20-W** is used. At this, the distance of the sensor to the object is approximately 55mm and the measurement range is around 20mm. The distance of the windings is dependent of the attitude of the spring, thus the attitude where the winding is bigger will be taught as the correct attitude. As shown in the screenshots there is a proper difference of the distance of the windings dependent of the attitude of the spring.

