



### 1. High speed angle measurement with direction control

The angle position of a very fast rotating shaft should be measured; furthermore the direction of the rotation should be controlled. For this purpose two analog fork light barriers type **A-LAS-F12-0.2x0.5-10/50** in connection with an amplifier type **A-LAS-CON1** are used. At this, a metal disk which comes with teeth (1mm width and 1mm gap) is used as an encoder disk. The laser spots of both laser sensors are directed in a way as shown in the drawings; thus in parallel to the angle position measurement the direction of the rotation can be properly controlled as shown in the screen shots.



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