



### 1. Length control of a metal rod

The length of a steel rod should be controlled. At this, the metal rod will be moved with around 2m/s during the measurement. For this purpose a control electronic type **A-LAS-CON1** in connection with two analog laser fork light barriers type **A-LAS-F12-0.3x3.0-50/50** and **A-LAS-F12-1x0.2-50/50** are used. Both of the laser light curtains are directed perpendicular to the metal rod, whereas one of the laser light curtains is looking onto the left edge of the steel rod while the other laser light curtain is covering the right edge of the metal rod.

