

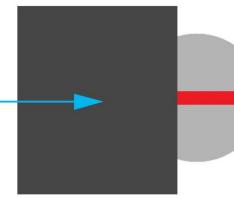
Instruments

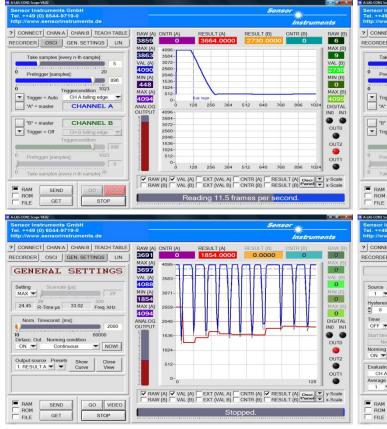
1. Position control in the Ex – range

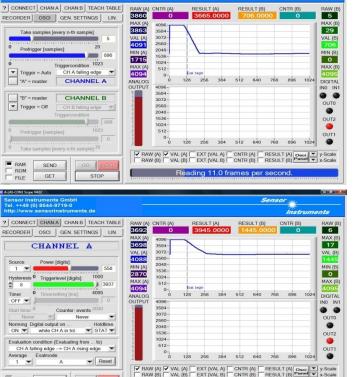
The position of a metal blade should be controlled in the Ex – range. At this an optical fiber type **D-S-R2.1-6x1-1200-67°** in connection with an **A-LAS-CON1-FIO** control electronic is used. Only the optical fiber front end is inside zone 0, whereas the controller is



placed outside the Ex – range. The maximum distance between transmitter and receiver frontend is approximately 150mm. The measurement range is about 6mm. As shown in the screen shots the blades can be positioned precisely.







Reading 11.0 frames per sec

SEND

GET

STOP