



1. Edge detection at bellows (fold counting)

On bellows the edges should be detected and counted. For this purpose, a contrast sensor type **SPECTRO-1-FIO** in connection with an optical fiber type **R-S-R2.1-(6x1)-1200-67°** and an optical frontend type **KL-8-R2.1** are used. Here, the distance of the frontend to the bellows is approximately 11 mm and the spot size at this distance is around 4 mm x 0.7 mm. The edges can be proper detected as shown in the screen shots.

