



1. Cut off point detection on a fleece tape

The cut off line on a fleece tape should be detected. It should be taken into account, that the fleece tape as well as the cut off line is white in color. For this purpose a color sensor type **SPECTRO-3-FIO-ANA** in connection with an optical fiber **R-S-R2.1-(6x1)-1200-67°** and an optical frontend type **KL-M34-XL-R2.1** will be used. The distance of the frontend to the surface of the tape is approximately 150mm, the angle of the optical axis to the vertical axis is around 70° and due to this, the spot size is roughly 25mm x 3mm. The cut off line can be proper detected as shown in the screen shots.

