



### 1. Differentiation of two colors on a fabric

On a fabric for car seats the two colors must be differentiated. At this a color sensor type **SPECTRO-3-FIO-JR** in connection with an optical fiber **R-S-A2.0-(2.5)-1200-67°** and an optical frontend **KL-3-A2.0** is used. The frontend has to be placed onto the fabric in a way that the white light spot is directed either onto the background color or onto the foreground color. As shown in the screen shots, a proper differentiation between the two colors is possible.

