



1. Color differentiation of eye shadows

The color of eye shadows should be controlled. For this purpose a color sensor type **SPECTRO-3-FIO-JR** in connection with an optical fiber type **R-S-A3.0-(3.0)-1200-67°** and an optical frontend type **KL-9-A3.0** will be used. The distance of the optical frontend to the surface of the eye shadow is approximately 14mm and the spot size at this distance is around 3mm in diameter. The eye shadows can be proper distinguished as shown in the screen shots.

