



1. Color differentiation of plastic pen housings

The color of plastic bushings should be controlled. For this purpose a color sensor type **SPECTRO-3-FIO-SL** in connection with an optical fiber type **R-S-R2.1-(6x1)-1200-67°** and an optical frontend type **KL-8-R2.1** will be used. The distance from the frontend to the bushing is approximately 16mm and the spot size at this distance is around 7.5mm x 1.2mm. The bushings can be proper differentiated as shown in the screen shots.

