



1. Color control of metal rings

The quality of metal rings should be controlled with a view to the color. For this purpose a color sensor type **SPECTRO-3-FIO-SLE** 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 of the optical frontend to the surface of the object is approximately 20mm and the spot size at this distance is around 12mm x 2mm. The quality of the metal rings can be proper detected as shown in the screenshots.

