



1. Color differentiation of tin and silver plated stamping stripes

Tin plated stamping stripes should be differentiated from silver plated stamping stripes. For this purpose a color sensor type **SPECTRO-3-FIO-JR** in connection with an optical fiber type **R-S-R1.1-(3x0.5)-1200-67°** and an optical frontend type **KL-5** will be used. The distance from the frontend to the stamping stripe is approximately 13mm and the spot size at this distance is around 2.5mm x 0.4mm. The stamping stripes can be properly distinguished as shown in the screenshots.

