



1. Color mark detection on metal foil

Different color-marks should be detected on different colored metal foils. For this purpose, a color sensor type **SPECTRO-3-FIO-JR** in connection with an optical fiber type **R-S-R2.1-(6x1)-1200-67°** and an optical frontend type **KL-8-R2.1** is used. At this, the distance to the metal foil is approximately 15mm and the spot size at this distance is around 6mm x 1mm, further, the optical axis of the optical frontend is tilted 15° towards the normal. The color marks can be proper detected as shown in the screen shots.

