



1. Color mark detection on transparent plastic stripes

Color marks should be detected on transparent plastic stripes. For this purpose, a color sensor type **SPECTRO-3-FIO-ANA** 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 from the optical frontend to the object is approximately 11mm, the spot size at this distance is around 4mm x 0.7mm and the angle of the optical axis is inclined 65° to the horizontal. The color marks can be proper detected as shown in the screenshots.

