



1. Detection of a color mark on an aluminum foil

Color marks on an aluminum foil should be detected. 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** are used. At this, the distance from the frontend to the aluminum foil is 18mm and the spot size at this distance is around 6mm x 1mm. The color marks can be proper detected as shown in the screen shots.

