1. Color control of wooden sticks

The color of wooden sticks should be controlled. 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 from the optical front end to the object is approximately 18mm and the spot size at this distance is around 10mm x 2mm. The color of the wooden sticks can be proper controlled as shown in the screen shots.