



1. Control of silk-screen printing color marks

Screen printing color marks should be controlled. For this purpose a color sensor type **SPECTRO-3-FIO** in connection with an optical fiber type **R-S-R2.1-(6x1)-1200-67°** and an optical frontend type **KL-8-R2.1** will be used. At this, the distance of the front end to the color mark is approximately 15mm and the spot size at this distance around 6mm x 1mm. Furthermore, the angle of the optical axis of the frontend is roughly 30° to the vertical axis. The color of the color mark can be proper controlled as shown in the screen shots.

