1. Color control of a red stripe on a fabric

The color of a red stripe on a fabric 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)-600-67°** and an optical frontend type **KL-8-R2.1** are used. At this, the distance from the optical frontend to the fabric is approximately 17mm and the optical axis of the frontend is directed perpendicular to the surface of the fabric. The spot size at the fabric is roughly 7mm x 2mm. Even small color differences can be proper detected as shown in the screen shots.