



1. Detection of different color marks on different plastic tubes

Different color marks should be detected on different plastic tubes. For this purpose a contrast sensor type **SPECTRO-1-FIO** in connection with an optical fiber type **R-S-R2.1-(6x1)-1200-67°** and an optical front end type **KL-8** are used. The distance from the probe to the color mark is approximately 11mm and the spot size at this distance is around 4mm x 0.7mm. As shown in the screen shots, the color marks can be proper detected.

