



1. Line detection on printed semi transparent plastic film

A golden colored line should be detected on a semi transparent plastic film. For this purpose a color sensor type **SPECTRO-3-FIO-JR** in connection with an optical fiber type **R-S-R1.1-(3x0.5)-1200-67°** and an optical frontend type **KL-5-R1.1** are used. The distance from the frontend to the object is approximately 11mm and the spot size at this distance around 2mm x 0.3mm. A proper detection of the golden line is possible as shown in the screen shots.

