



1. Watermark detection on safety paper

Watermarks should be detected on safety paper. For this purpose a color sensor type **SPECTRO-3-FIO-JR** in connection with an optical fiber type **D-S-R2.1-(6x1)-1200-67°**, an optical frontend type **KL-M34-XL-R2.1** at the transmitter side and an optical frontend type **KL-M34-R2.1** at the receiver side are used. At this, the distance between the transmitter and the receiver frontend is approximately 160mm and the object is arranged in the middle, thus the distance to the receiver as well as to the transmitter is 80mm respectively. The watermark can be proper detected as shown in the screenshots.

