



### 1. Presence control of a paper sheet on an aluminum plate

The presence of a paper sheet on different colored aluminum plates should be controlled. For this purpose a color sensor type **SPECTRO-3-FIO-JR** in connection with an optical fiber type **R-S-R2.1-(6x1)-1200-67°** and an optical frontend type **KL-8-R2.1** are used.

At this the **KL-8-R2.1** is directed under an angle of around 30° at a distance of approximately 15mm to the object. A proper detection of the presence of the paper sheet is possible as shown in the screen shots.

