



### 1. Detection of a gap in a glue film on an aluminum foil

A gap in the glue film should be detected on an aluminum foil. At this, gaps with the dimensions starting from 5mm x 1mm should be detected. For this purpose, a contrast sensor type **SPECTRO-2-FIO-(IR2+IR3)/IR** in connection with an optical fiber type **R-S-R2.1-(6x1)-1200-Y-67°-(1P+1BP)/2P** and an optical frontend type **KL-8-R2.1** is used. Here, the distance from the optical front end to the glue film is approximately 20mm and it is 15° tilted to the vertical axis. Gaps can be properly detected in the glue film as shown in the screen shots.

