



1. Presence control of transparent labels

The presence of transparent labels should be controlled. For this purpose, a contrast sensor type **SPECTRO-2-FIO-(VIS/VIS)/(VIS/VIS)** in connection with an optical fiber type **R-S-A3.0-(3.0)-1200-67° + R-S-A3.0-(3.0)-1200-67°-(1P+1BP)/2P** and an optical frontend type **KL-D-M12-0°/30°-9-A3.0**. At this, the distance from the optical frontend to the labels is approximately 10mm and the spot size at this distance is around 2mm in diameter. The labels can be properly detected as shown in the screen shots.

