



1. Joint sealing color control on fiber boards

The color as well as the presence of the joint sealing of fiber boards should be detected. 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** is used. At this, the distance between the optical frontend and the joint sealing is approximately 11mm and the spot size at this distance is around 2mm x 0.3mm. The color and presence of the joint sealing can be proper detected as shown in the screen shots.

