



1. Color control of grooves on mdf plates

Grooves on mdf plates should be color controlled. For this purpose two color sensors type **SPECTRO-3-FIO-ANA** in connection with optical fibers **R-S-A1.1-(1.5)-1200-67°** and optical frontends type **KL-4-A1.1** are used. Each of the frontends is directed onto one flank of the groove. At this, the spot size has a diameter of 0.7mm at a distance of approximately 11mm to the groove. As shown in the screen shots, even small failures can be proper detected.

