



1. Color differentiation of brown plastic door seals

Two different brown colored plastic seals should be differentiated. For this task 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** is used. The distance from the frontend to the plastic seals is approximately 15mm and the spot size at this distance around 6mm x 1mm. A proper differentiation of the brown plastic door seals is possible as shown in the screen shots.

