



1. Color quality control of plastic strainer

The quality of green as well of red plastic strainer should be controlled. For this purpose a color sensor type **SPECTRO-3-FIO-JR** in connection with an optical fiber type **R-S-A2.0-(2.5)-1200-67°** and an optical frontend type **KL-3-A2.0** are used. At this the strainer will be turned around the axis 360°. The distance of the optical frontend from the plastic strainer is approximately 11mm and the spot size at this distance around 1.5mm. As shown in the screen shots, the dark areas can be proper detected.

