



### 1. Color control of transparent plastic closures

The color of transparent plastic closures should be controlled. At this, different colored transparent closures (e.g. orange, violet, magenta) will be produced and the task is to hold the respective color in a certain range. For this purpose a color sensor type **SPECTRO-3-FIO-JR** in connection with an optical through beam fiber type **D-S-A2.0-(2.5)-1200-67°** and a mechanical frontend type **C-MOUNT-A2.0-180°-60/50** are used. The color shift, even if it is a very small color shift, can be proper detected as shown in the screenshots.

