



### 1. Differentiation of yellowish cast to bluish shade clear transparent plastic components

Clear bluish transparent plastic components should be differentiated from yellowish parts. For this purpose, a color measurement sensor type **SPECTRO-3-FIO-MSM-DIG-DL** in connection with an optical fiber type **D-S-R2.1-(6x1)-1200-67°** and two optical frontends of **KL-8-R2.1**. At this, the distance from the optical frontends to the clear plastic components is approximately 11mm respectively and the spot size at this distance is around 4mm x 0.7mm. The clear plastic parts can be proper differentiated as shown in the screenshots.

