



1. Differentiation of bluish and yellowish colored plastic parts

Bluish colored plastic parts should be differentiated from yellowish colored plastic components. For this purpose, a color sensor type **SPECTRO-3-FIO-MSM-DIG-DL** in connection with an optical fiber type **D-S-A2.0-(2.5)-600-67°** and an optical frontend type **KL-D-0°/45°-13.5-A2.0** is used. At this, the distance from the optical frontend to the object is approximately 14mm and the spot size at this distance is around 5mm in diameter. The parts can be proper distinguished as shown in the screenshots.

