



1. Differentiation of plastic monofilaments

Plastic monofilaments, different in size or in color, should be differentiated. At this a color sensor type **SPECTRO-3-FIO-CL** in connection with an optical fiber type **R-S-R2.1-(6x1)-1200-67°** and an optical frontend type **KL-8-R2.1** are used. The distance from the frontend to the object is approximately 11mm and the spot size at this distance roughly 4mm x 0.7mm. As shown in the screenshots, a proper differentiation of the different filaments is possible.

