



1. Color differentiation of plastic interior parts

Gray, black and brown interior plastic parts should be differentiated. It should be taken into account, that there is just a bit space for the optical fiber head, but not for the whole color sensor. 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°** are used.

The distance from the optical fiber head to the object surface is approximately 10mm. The three different colored parts can be proper differentiated as shown in the screen shots.

