



1. Color differentiation of matt plastic interior components

Matt plastic parts, used for the automotive interior field, should be color differentiated. For this purpose, a color sensor type **SPECTRO-3-FIO-JR** in connection with an optical fiber type **R-S-A3.0-(3.0)-1200-67°** is used. At this, the distance to the object is approximately 18mm and the spot size at this distance is around 8mm in diameter.

Furthermore, the optical fiber head is directed perpendicular onto the surface of the object. The plastic parts can be proper differentiated as shown in the screenshots.

