



1. Color differentiation of shiny plastic parts

Shiny plastic components, used for the interior automotive 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 of the optical fiber head to the surface is approximately 18mm and the angle of the optical axis to the vertical is around 15°. Furthermore, the spot size at this distance is roughly 8mm in diameter.

