



1. Color measurement of plastic components

Plastic components should be color measured. For this purpose a color measurement sensor type **SPECTRO-3-FIO-MSM-ANA-VIS** in connection with an optical fiber **R-S-A3.0-(3.0)-1200-67°** and **R-S-A3.0-(3.0)-1200-67°-(1P+1BP)** and an optical frontend type **KL-D-45°-26-A3.0** is used. At this, the spot size at the object is approximately 4.5mm x 3mm and elliptical in shape and the distance to the object is around 30mm. The color can be proper measured as shown in the screen shots.

(KL-D-30/45°-A3.0 → KL-D-0°/45°-30-A3.0 → KL-D-45°-26-A3.0)

