



### 1. Surface control of frame joints

The surface of several hinge-joints should be color-gloss controlled on different areas. 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°** and an optical frontend type **KL-M18-A2.0** are used. The optical frontend **KL-M18-A2.0** is directed under an angle of 10° to the vertical axis to the surface of the object. The distance to the frame joint is approximately 30mm. There is a proper difference between the shiny and matt surface of the articulation as shown in the screen shots.

