



### 1. Differentiation of interior leather and plastic parts

Interior leather and plastic parts should be differentiated. For this purpose, a NIR contrast sensor type **SPECTRO-1-FIO-IR4** in connection with an optical fiber type **R-S-A3.0-(3.0)-1200-67°** is used. At this, the distance between the optical fiber front end and the interior parts is approximately 10mm and the spot size at this distance is around 8mm. The interior components can be proper differentiated as shown in the screenshots.

