

### 1. Color differentiation of car door handles

During the assembling of the car doors amongst others the car door handles must be color controlled to avoid that a wrong colored part will be mounted. Due to the fact that the lacquer of the car door handles is very glossy a color sensor must be used to suppress the direct light reflection. With the diffuse light color sensor **SPECTRO-3-30-DIL** the glossy effect of the surface can be reduced to a minimum, if the distance to

the object is reduced, too. A recommended distance from the color sensor to the object is approximately 20mm. At this distance the car door handles can be differentiated without any problem.

