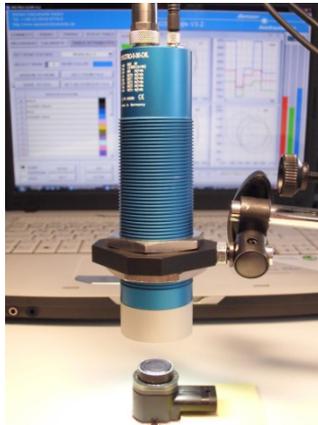




1. Automotive color lacquer control

In the automotive industry lacquered components must be controlled to avoid wrong delivery to the car manufacturers. Components like bumpers, rearview mirror housings, ultrasonic sensors, fuel tank caps, car door handles, car doors and front lids are painted with a glossy lacquer and some colors lies close together. With the color sensor **SPECTRO-3-30-DIL** the glossy effect of the lacquer will be reduced thus the colors can be



properly differentiated. The distance to the object is at this juncture approximately 30 mm and the diffuse white light reduces the direct reflection to the receiver. Furthermore, due to the fact, that the white light is modulated, there is no influence from ambient light.

