



### 1. Color differentiation of ultrasonic sensors

Ultrasonic sensors for the automotive industry should be color differentiated. At this, the shiny surface of the ultrasonic sensors causes normally a high direct reflection. Therefore a color sensor type **SPECTRO-3-5-DIF-JR** is used. This type works just with diffuse reflection, thus direct reflection of the surface cannot pass the receiver. The distance from the sensor to the object is approximately 6mm. A proper differentiation of the ultrasonic sensors is possible, as shown in the screen shots.

