



1. Color differentiation of ultrasonic sensors at a distance of 100mm

Ultrasonic sensors should be color differentiated at a distance of 100mm. It has to be taken into account, that the surface of the ultrasonic cap is very glossy. For this purpose a color sensor type **SPECTRO-3-100-COF-d6.0-CL** is used. The spot size at this distance is approximately 6mm and the optical axis of the sensor is inclined by 5° to the symmetrical axis of the ultrasonic sensor. The ultrasonic sensors can be proper distinguished as shown in the screen shots.

