



1. Color differentiation between a brown and a black cap in a console

A brown plastic cap should be differentiated from a black plastic cap in a console. For this purpose a color sensor type **SPECTRO-3-50-FCL** is used. The color sensor is directed under an angle of about 25° to the vertical axis onto the cap and the distance from the sensor to the object is approximately 140mm. The detecting area at this distance is around 50mm. The brown cap can be proper differentiated from the black cap as shown in the screen shots.

