



1. Presence control of cork on wine bottles

The presence control of a cork on a wine bottle must be realized in a production line.

At this, different bottles, different in color and slightly different in height must be controlled. Another problem is that the color of the cork can also differ from batch to batch. The distance from the sensor to the top of the cork is approximately 50 mm and the angle to the vertical axis is about 20°. To avoid any negative effect from the bottle, a color sensor **SPECTRO-3-50-POL** is used, thus direct light reflection from the glass surface can be suppressed. A proper differentiation of presence or absence of the cork can be reached with the **color group mode** as shown in the screen shots.

