

1. Presence control of a label on a nursing pad

The presence of a label on a nursing pad should be controlled. Therefore a color sensor type **SPECTRO-3-50-FCL** is used. The sensor is working at a distance of approximately 50mm, the angle of the sensor to the vertical axis is about 35° and the detecting area at this distance is around 25mm. The label is white and nonfluorescent, thus the gloss difference between the label and the surface of the nursing pad is used for the differentiation. As shown in the screen shots, a proper differentiation between the label and the nursing pad is possible.

