



### 1. Overlap joint detection on perforated metal tubes

The overlapping area on perforated metal tubes should be detected. For this purpose a color sensor type **SPECTRO-3-80-DIL** is used. At this, the distance between the sensor and the object is approximately 100mm, the width of the joint is around 10mm and the detecting area of the sensor at this distance is around 20mm. The joint can be proper detected as shown in the screen shots.

