



1. Detection of transparent film on lacquered plastic components

A transparent film should be detected on a black as well as white lacquered plastic part. It has to be taken into account, that the white and the black surface are very shiny and the plastic film as well. For this purpose a color sensor type **SPECTRO-3-50-POL** is used. The distance from the color sensor to the plastic film is around 45mm. The detecting range at this distance is approximately 20mm in diameter. The plastic film can be proper detected as shown in the screen shots.

