



1. Plastic film presence control

The presence of a plastic film on an envelope should be controlled. It has to be taken into account that the glue stripe of the envelope is slightly fluorescent in the presence of UV light, whereas the matt plastic film (which covers the glue strip) absorbs the UV – light a bit. For this purpose a color sensor type **SPECTRO-3-30-UV** is used at a distance of around 20mm to the plastic film. The detecting range at this distance is approximately 12mm. As shown in the screen shots a proper detection of the plastic film is possible.

