



### 1. Adhesive film presence detection on plastic screws

The presence of an adhesive film should be controlled on the thread of plastic screws. For this purpose a color sensor type **SPECTRO-3-FIO-SL** in connection with an optical fiber type **R-S-R2.1-(6x1)-1200-67°** are used. The distance of the probe to the thread is approximately 10mm and the spot size at this distance is around 10mm x 2mm. The adhesive film can be proper detected as shown in the screen shots.

