



### 1. Presence control of wax coating on steel wire ropes

The presence of wax coating on steel wire ropes should be controlled. The wax is supplied with fluorescent additives. To detect this fluorescent coating a color sensor type **SPECTRO-3-30-UV** is used. The distance from the sensor to the wire is approximately 20mm and the detecting range at this distance is around 10mm. A proper detection of the fluorescent coating is possible as shown in the screen shots.

