



1. Glue detection on the thread of a screw

The presence and amount of glue on the thread of a screw should be detected. For this purpose, a color sensor **SPECTRO-3-FIO-UV** in conjunction with an external lighting source **ELS-UV-1P**, an optical fiber type **R-S-R2.1-(6x1)-1200-Y-22°/67°-UV** and an optical frontend **KL-8-R2.1** will be used. The fluorescent glue (fluorescent, if UV light is used) can be properly detected as shown in the screen shots.

