



1. Fluorescent color stripe detection on tickets

A fluorescent color stripe on a ticket should be detected. For this purpose a UV color sensor type **SPECTRO-3-FIO-UV** in connection with a UV-lightning source type **ELS-UV-1P**, an optical fiber type **R-S-A2.0-(2.5)-1200-Y-22°/67°-UV** and an optical front end type **KL-M18-A2.0** are used. The distance to the ticket is approximately 25mm and the spot size at this distance around 8mm. The fluorescent stripe can be proper detected as shown in the screen shots.

