



1. Presence control of a Velcro® strip on rear shelf

The presence of a Velcro® strip on a hat shelf should be controlled. For this purpose a color sensor type **SPECTRO-3-FIO-SL** in connection with an optical fiber type **R-S-A3.0-(3.0)-1200-67°** and an optical frontend type **KL-M34-XL-A3.0** are used. The distance of the frontend to the hat shelf is approximately 100mm and the spot size at this distance is around 6mm. The presence of the Velcro® can be proper detected as shown in the screenshots.

