



1. Plastic film position control on cartons

The correct position of a plastic film on a carton should be monitored. At this, the plastic film should cover the upper end of the carton around 10mm. 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 optical frontend to the carton is approximately 100mm and the spot size at this distance is roughly 6mm. The plastic film can be proper detected as shown in the screenshots.

