



### 1. Detection of the edge of a stripped ribbon cable

The beginning of the laser stripped part of a ribbon cable should be precisely detected. For this purpose a color sensor type **SPECTRO-3-FIO-JR** in connection with an optical fiber type **R-S-R2.1-(6x1)-1200-67°** and an optical frontend type **KL-8** are used. The distance from the frontend to the ribbon cable is approximately 9mm and the spot size at this distance is around 3mm x 0.5mm. The edge of the stripped part of the ribbon cable can be proper detected as shown in the screen shots.

