1. Detection of different primers

Different fluorescent primers should be detected. Here, the primers will be applied on a black surface. For this purpose, a contrast sensor type **SPECTRO-1-FIO-UV/VIS-HP** in connection with an optical fiber type **R-S-A3.0-(3.0)-1200-22°-UV** and an optical frontend type **KL-9-A3.0** is used. At this, the distance from the frontend to the respective primer is approximately 11mm and the spot size at this distance is around 1.5mm in diameter. The primers can be proper detected as shown in the screen shots.