



1. Direction control of plastic caps

The direction (upside or upside down) of plastic caps should be controlled. For this task, a color sensor type **SPECTRO-3-POF-SLE** in connection with an optical fiber type **POF-R-75-d6/d4-(1.9)-2000** is used. Here, the distance from the optical fiber frontend to the object is approximately 3mm and the spot size at this distance is around 3mm in diameter. The direction can be proper figured out as shown in the screenshots.

