



### 1. Optical transparent plastic foil position control

The position of an optical transparent plastic film should be controlled in a range of approximately 50 mm. For this task a laser through beam sensor type **L-LAS-TB-50-T/R** is used. The distance from the transmitter to the receiver is at this application around 100 mm. The laser light will be directed perpendicular to the plastic film. Due to the fact, that nearly each of the optical transparent film is slightly polarized and additionally to this in using the absorption and reflection of laser light caused from the object, even an optical transparent film can be proper detected.

