



1. Detection of a fluorescent stripe on leaflets

On an advertising material a fluorescent stripe should be detected. Print shops get orders for promotion material from chain of stores. The stores of a chain have exactly the same leaflet except the address of the respective store, thus it must be paid attention during the packaging process in the print shop. At this a fluorescent

stripe will be painted onto the first ten leaflets with the other address. At the beginning of the printing process it is possible to teach the sensor onto the fluorescent stripe, thus the fluorescent as well as optical absorption effects from the

paper of the advertising material can be compensated. The fluorescent color sensor **SPECTRO-3-30-UV** comes with a special **EXTERNAL TEACH MODE DYN1** which allows adapting the power of the lightning source of the sensor in a

way, that sufficient signal is available but not in saturation. The color sensor is arranged at a distance of approximately 30mm perpendicular to the fluorescent stripes. Due to these measures a proper detection of the fluorescent stripe is possible.

