



1. Double layer control of plastic films

With a view to the changeover from the double layer to the single layer range of a plastic film a sensor system should deliver exactly a signal which informs about the beginning of the single layer as well as the double layer range.

For this purpose a contrast sensor type **SPECTRO-1-FIO** in connection with a through beam fiber type **D-S-A2.0-(2.5)-1200-67°** are used. At this, the distance of the optical fiber head to the plastic film is around 5mm and the spot size at this distance is approximately 4mm in diameter. The

respective changeover can be properly detected as shown in the screenshots.

