



1. Inline gloss measurement of plastic films and laminated plates

During the production of plastic films as well as of laminated plates the gloss factor should be measured. Furthermore the values of the gloss factor should be documented and stored together with parameters from the machine as well as of the product (operator name, factory, line, machine number, order number, customer name, date, time ...).

For this task a gloss sensor type **RLS-GD-15/60°** is used and the monitoring software **RLS-GD-Monitoring V4.7** is used for documentation. For the laminated plates the software of the **RLS-GD-15/60°** is working with the **SELF** trigger mode, which can be selected in the windows® - software of the sensor. The sensors are connected via a multiplexer unit type **MPLEX-08** to a panel PC. For the application with the laminated plates a blowing unit is used to avoid dirt accumulation onto the optical windows of the gloss sensor.

