



1. Precise counting of folds of aluminum tubes

The folds of aluminum tubes should be counted during a fast movement (a few m/s) of the tubes. For this purpose an edge detector type **LCC-40** is used. The folds can be properly detected and counted. The sensor delivers a digital signal at the output (for each fold one digital pulse). The distance from the laser sensor to the object is approximately 40mm. Fluctuations of the object of a few mm can be compensated from the sensor and thus do not influence the counting process.

