

Application - News N°123 L-LAS series

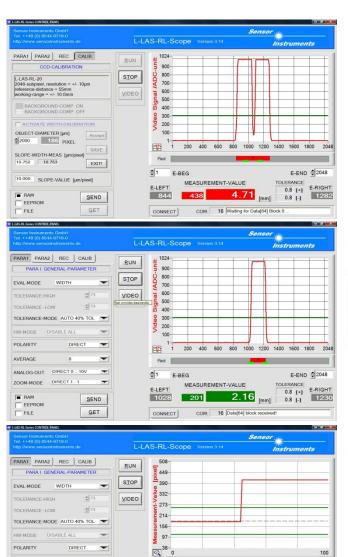
Sensor Let's make sensors more individual

Instruments

1. Double sheet control

Metal plates should be removed from a stack with a robot. The robot sucks the metal sheets one by one and it should be avoided for safety reasons to move two metal sheets simultaneously. A sensor should detect double sheet not from the top but from the side. Furthermore, the system should be adapted automatically after a change of the type of metal sheet (different thickness or different metal). At this a reflective line scan detector type **L-LAS-RL-20-W** is used. The distance from the sensor to the object is approximately 55mm and the detecting range is roughly

20mm. As shown in the screen shots a proper differentiation between the presences of one or two metal sheets is possible.



E-BEG

CONNECT COM: 16 Line Ok!

E-LEFT MEASUREMENT-VALUE TOLERANCE 0.8 (+) E-RIGHT 1306

E-END \$ 2048

ANALOG-OUT DIRECT 0 ... 10

GET

ZOOM-MODE DIRECT 1:1

EEPROM FILE



