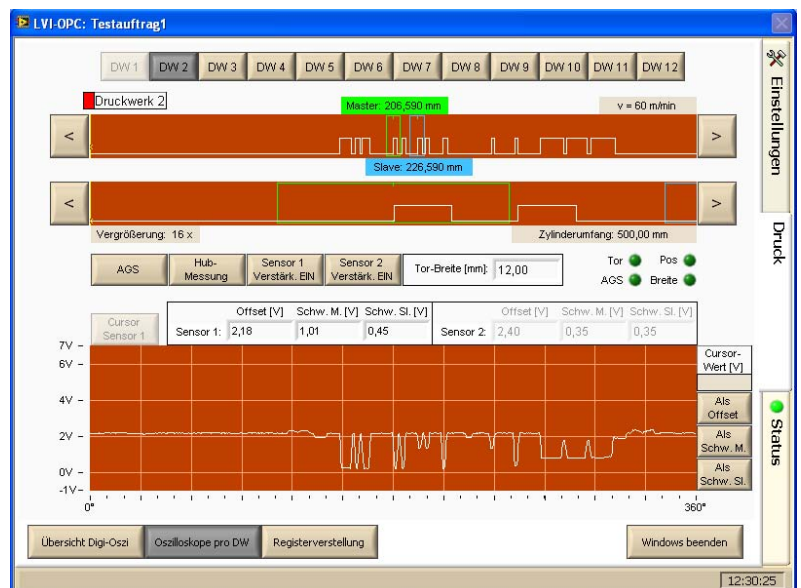
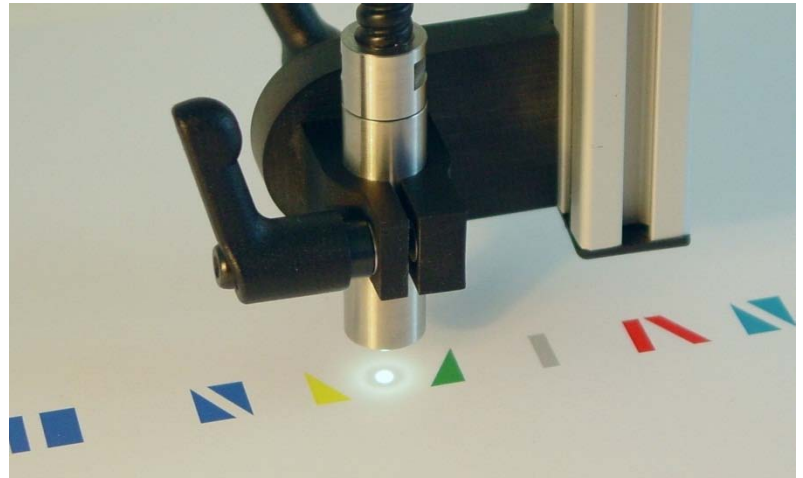


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ELEKTRONIK

Intelligent Print Mark Detection Sensor IDS-  
for the realisation of integrated register control systems in PROFINET-  
and EtherCAT - drive systems

## Intelligent Print Mark Detection Sensor for the Realisation of Integrated Register Control Systems in PROFINET- and EtherCAT- Drive Systems

- Direct embedding of a powerful, cost efficient register control in drive automation systems of different providers
- Applicable for the large variety of PROFINET- and EtherCAT drive systems
- Field approved – f.i. in the SIEMENS SIMOTION TRC 1000 register control
- White-light-sensor with high resolution grey scale value measurement – reliable detection of slight colour- and reflection-differences
- Sampling of the web via fibre optic link with micro objective (lens) – Precision in the range of a few  $\mu\text{m}$  at web speeds up to 1000m/min
- Detection of all common classical print marks – wedge- and block- marks, dimensions adjustable
- Selectable standard calibrations (paper/aluminium) and automatic level optimization for any substrate – optimal evaluation even under difficult conditions
- Coverage of practically all applications using wedge- and block- marks – price sensitive segments like register controlled coating/laminating as well as sophisticated flexo- and gravure-printing applications
- Availability of the complete hard- and software for the embedding of the register control – function library over user-interface to support set



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<http://www.wiedeg.de/en/products/intelligent-print-mark-detection-sensor-ids>

