



## Sensors

# CLS Pro 600

### Perfect line and contrast guiding using CLS Pro 600

Do you need a sensor for dependable guiding of printed lines, print edges or web edges with maximum precision? Do you want ease of operation, clear feedback concerning the measuring status and reliable functioning even with critical materials including reflecting surfaces?

Then the **CLS Pro 600** digital sensor might be exactly what you are looking for!

With its high performance and user focused functions, the **CLS Pro 600** gives outstanding quality for the benefit of your customers:

- With its high-resolution deflection of lines, print edges or web edges using a color sensor
- Optimum lighting thanks to automatically controlled LEDs
- Outstanding dependability even at the highest web speeds
  - The high scan rate of 500 Hz allows precise guiding with high web speeds also with interrupted lines or contrasts
  - The high-resolution CCD-color line chip supports the precise guiding especially in combination with the high scanning rate
- Integrated clear color display
- Convenient selection of printed line, printed edge or web edge using a color display of contrast transfers
  - Laser projection to the center of the measuring range allows an easy alignment and adjustment of the camera
- Intuitive user guidance and convenient operation
  - Clearly arranged display
  - Easy setup (without text)
  - automatic positioning of **CLS Pro 600** with using sensor positioner FVG Pos 100 to minimize set-up effort
- Broad measuring range of 25 mm for precise web guiding results
- Precise shifting of the reference position for maximum accuracy
- Removable keyboard which can be installed at a central point of the machine
- Additional standardized output signal of 0–10 V in combination with a blocking signal
- USB interface for fast storage of parameters and jobs
- Robust design

## Sensoren

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### Perfect technology

When developing **CLS Pro 600** BST eltromat international not only focused on technological features, but also had users' requirements in mind:

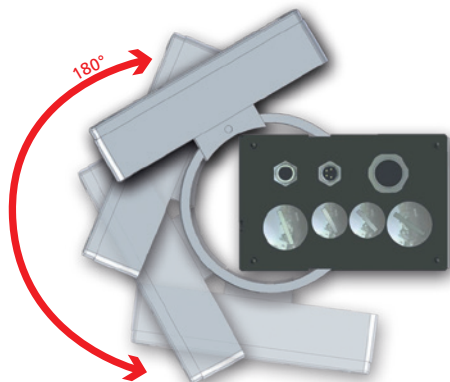
- On the color display, all messages and data are clearly shown and can be easily read at any time
- The menu interface is variable so that the user may individually define the most important functions which can be called up at the push of a button
- Graduated user access ensures the production and protects for unauthorized access to safety related parameter

- Intuitive user interface and clearly arranged menus **CLS Pro 600** is very easy to operate
- The system is controlled using a commander installed on a guide ring for up to 180° rotation
- The commander may be removed and connected at a central point if needed, e.g. when the sensor is installed at a point of the machine which is hard to get to.
- An included mounting device allows the correct alignment of the sensor
- An optional variable mounting bracket can be used for a perfect fit into the machine

- Job / slot memory for simplified commissioning
- By use of the USB user interface parameter and jobs can be transferred easily into other **CLS Pro 600** sensors



A color display of contrast transitions allows convenient selection of the desired printed line, print or web edge



The CLS Pro 600 commander allows for 180° rotation on a guide ring.

