

New!

Monitoring systems

Control systems

Automation

WIDTH GAUGE WMR

Automatic on-line measurement of width

A new type of width gauge, the WMR, enables the measurement of product width on line. 2 versions are available to cater for the widest possible variety of applications.

- **Stand-alone version** with digital indicator
- **Modular version** in conjunction with an Orthomat and visualization on a TFT-touchscreen



Principle

IR-light-emitting diodes in reflex mode determine the product's width. The sensitivity of the sensors and maximum - minimum permissible width (for alarm purposes) can be set on the control box supplied.

As the sensing module is arranged on one side only of the on-line material, it is most flexible in terms of choice of location.

The assembly comprises

- Sensing module
- Electronics
- Control box
- Digital indicator (optional)

Module

Measurements are visualized and parameters for computation can be set on the Orthomat's TFT-monitor.



WIDTH GAUGE WMR

Technical data

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Digital indicator (optional extra).



Sensor-sensitivity is controlled from this box.

Technical data

Dimensions of sensing module	subject to product width
On-line detection by	IR-light-emitting diodes in reflex mode
Accuracy	+/- 5 mm (each end)
Readout update (refresh)	Subject to dimensions (20ms/m)
Max. product width	6000 mm
Power supply	230V AC 50/60 Hz
Standard of protection	IP 54