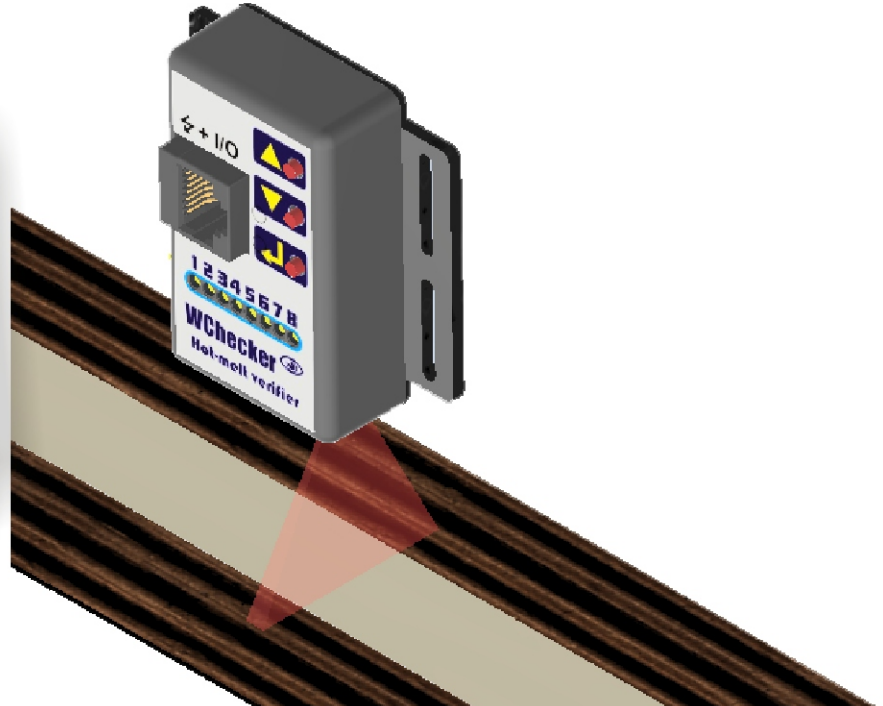




EMMECI ELETTRONICA

BOLOGNA - ITALY



Hot-melt stretch width gauge Width-Checker

The Width-Checker (W-Checker) is a sensor that checks the presence of hot-melt adhesive on the pieces in transit.

The check takes place not only on the presence or absence of the adhesive, but also on the width of the deposited section, therefore W-Checker is particularly suitable for checking the gluing quality on the continuous coating lines.

The width is measured by a thermal sensor which simultaneously checks the temperature in 8 zones. The measurement is then compared with the set parameters.

Why use W-Checker:

Ensures the quality of the bond, revealing the presence of any fluctuations in the quantity of adhesive dispensed.

Eliminate production waste and customer complaints.

Provides useful data for production and supply statistics for consumables.

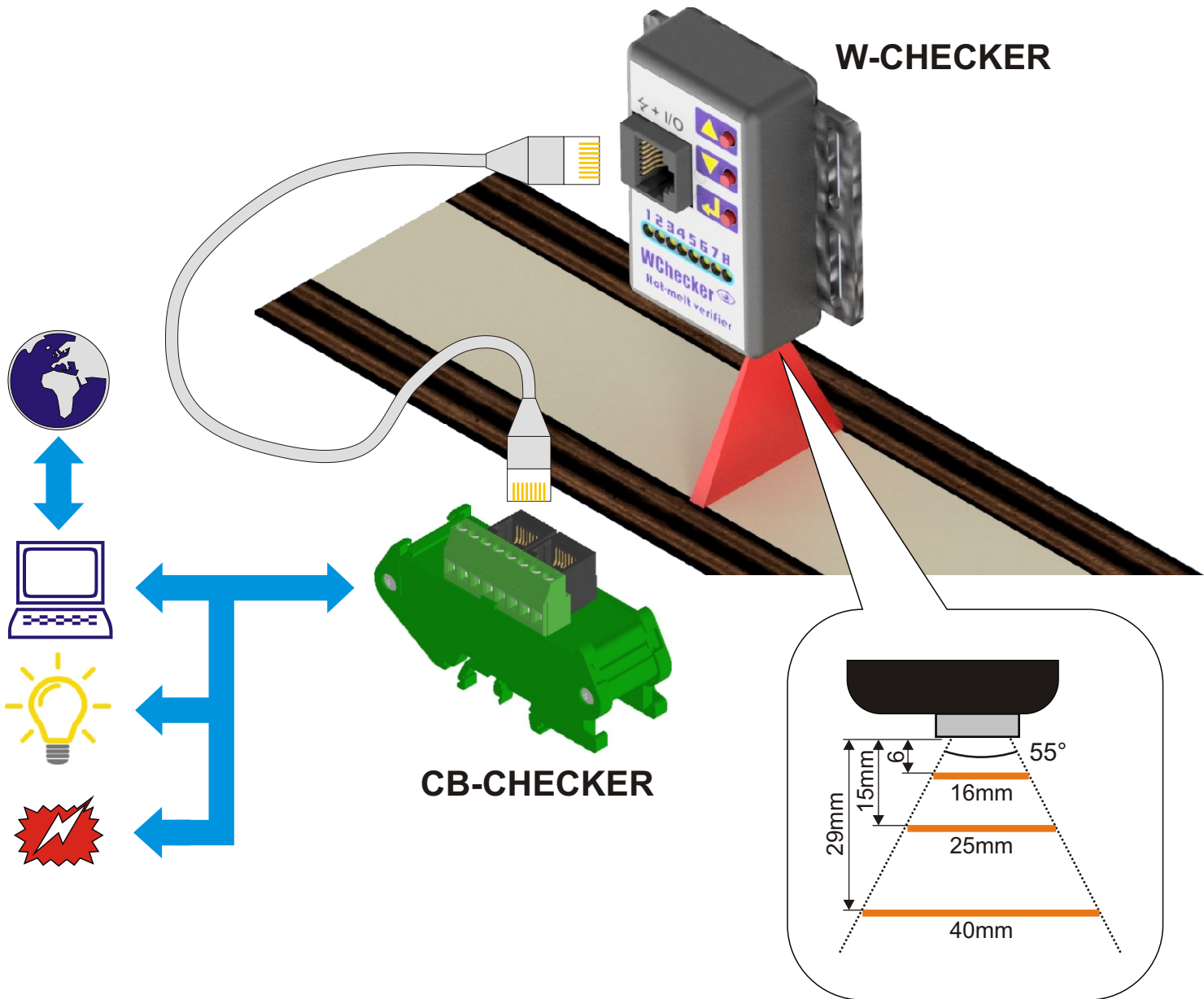
It is adaptable to many applications, since it can be parameterized to be used with various gluing temperatures and is able to read various sections of adhesive simply by changing the distance of the sensor from the adhesive.

It can be easily integrated into existing production lines as it can be interfaced with industrial PLCs and PCs.

It can be easily installed thanks to the compatible ethernet cables and the use of the CB-Checker interconnection board that can be mounted on a DIN bar.

TECHNICAL DATA

Power supply	12-26 Vdc 50mA max.
Measurable temperature	0-150°C
Verified temperature zones	8
Reading angle	55° x 5°
Temperature update time	≈ 1 sec.
Outputs	<ul style="list-style-type: none"> ■ Alarm signal digital output PNP 50mA max. ■ 0-10V analog output for future use
Input	0-10V analog for connecting the enable signal
Programming interface	Modbus RTU/RS485 9600 bsp
Connections	<ul style="list-style-type: none"> ■ RJ45 Connector for power supply + modbus + I/O (W-Checker) ■ P.5,08mm screw terminal + RJ45 (CB-Checker)



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