

GDX 1000

hhs
Baumer Group

Perfection in cold glue detection



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Reliably detects even the smallest glue quantities

Requirements in industrial packaging production are constantly increasing. One example is the demand for reliable detection of adhesives, be it on very small flaps or at maximum machine speeds.

Based on experience with thousands of sensor installations, Baumer hhs has developed the totally new GDX 1000 glue sensor in order to provide customers with the quality assurance tool they need to meet requirements both now and in future.

Double the scanning frequency

The new GDX 1000 sensor represents an advancement in existing technologies at Baumer hhs. With double the scanning frequency, it detects dispersion adhesives even more reliably than previously available sensors – and that in turn increases the reliability of your production process.

The easy way to monitor glue-free areas

The new GDX 1000 makes it even easier to monitor those areas that should be entirely free of glue. Just one click is all it takes to set up the unit on the Xtend³ screen; no complicated entries are required. That saves time which can be devoted to your production process.

Shorter set-up times

In combination with the Xtend³ controller, the GDX 1000 reduces the time required for set-up. Simple set-up and the option of checking functions during production are advantages that allow your machine staff to concentrate on essentials.

Consistent reliability

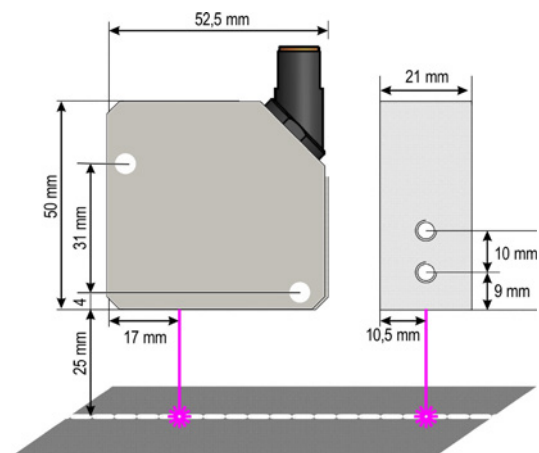
With the GDX 1000, your products receive 100% quality control. Its high resolution ensures maximum reliability even at high speeds. Your machine operators have central access to sensors via the Xtend³ controller – and you have the assurance of a secure investment provided by advanced technology. That's our definition of reliability.



The ideal combination: PX 1000 cold glue application head and GDX 1000 cold glue sensor

Technical data: GDX 1000 sensor

Specification	Value
Operating voltage	24 ± 20% V _{DC}
Current consumption, max.	150 mA
Measurement method	Infrared
Scanning frequency	20 kHz / 50 µs
Minimum detectable dot size	1 x 1 mm
Spot size	5 x 1,6 mm
Measurement distance to product	25 ± 5 mm
Protection rating	IP 64
Operating conditions	
Temperature range	10 – 40 °C
Relative humidity, max.	70 %



*Dimensions in millimetres

- Shorter set-up times
- Early detection of emerging defects
- Reliable monitoring of glue-free areas
- Easy set-up
- Sensor can be set up and checked at the controller
- Scanning frequency 20 kHz

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