

# Data Sheet

## VARICON+

# BIZERBA

**Metal detector VARICON+ reliably and flexibly supports your quality assurance: With its robust design it can be used in dry and wet areas. The VARICON+ achieves best results: It safely checks your packaged or unpackaged piece goods for any contaminants enclosed in the product such as steel, stainless steel and non-ferrous metal, e.g. aluminum.**



**More information**  
High performance  
with a wide range of  
solutions and options.

### Product description

The compact metal detection system offers you safe performance and highest detection sensitivity. With its robust stainless steel conveyor belt construction the VARICON+ inspects piece goods of up to 50 kg. A very short metal-free zone (MZ) ensures interference-resistant, reliable inline metal detection. To suit the area of installation the system is available with a modular belt (wet area) or a flat belt (dry area). The conveyor belts are available with variable belt widths. You may choose between the following standard sizes: 200, 300, 400 or 500 mm. The motor controller is fitted either with a conveyor stop in case of metal detection or an application-specific rejection system. For easy and thorough cleaning the VARICON+ series has a hygienic design. Quality which is reflected in BRC, IFS and HACCP certifications. The VARICON+ comes with IP65 protection. Higher IP ratings are optionally available.



VARICON+ with INTUITY



VARICON+ with GLS

### Highlights

- Variable metal coils: GLS, INTUITY
- Digital signal processing and quartz-stable search frequencies
- Latest microprocessor technology with self-monitoring, self-calibration and temperature compensation
- Product compensation with teach function
- Multiple product memory
- Special EMC combi filter to suppress external interferences
- HACCP, IFS and BRC conform quality monitoring: Password-protected system logbook and menu-driven validation system

#### Highlights INTUITY:

- Control unit INTUITY CONTROL, comes standard with a 7" touchscreen
- Preselection of products and associated settings
- Product compensation with teach function
- Prediction of ball size to be detected

### Options

- Product-specific rejection systems: Pusher or air jet nozzle with connectible reject bin
- Swing arm or retraction unit rejection system available upon request
- Higher Level Compliance package: Fail safe, warning device, self-monitoring
- Warning device combination (signal lamp + horn): Error display, error and metal display
- Warning device (4 signal lamps + horn): Error display, error and metal display, ready for operation, AuditCheck
- Mobile conveyor with four lockable guide rollers: Ø 125 mm
- Reporting via BRAIN2 Software

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**My Bizerba**

We offer you solutions from a single source which can be customized and allow you to respond to any change in a flexible manner. Benefit from costs which can be planned and efficient processes. We are happy to advise you.

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