

Fact Sheet

INTUTY

BIZERBA

Metal detection coil INTUTY reliably detects enclosed contaminants in your product or bulk goods. INTUTY can be flexibly used in dry or wet areas and achieves best results with its multi-simultaneous frequency technology:
It simultaneously checks with at least two frequencies if your packaged or unpackaged product contains steel, stainless steel, iron or non-ferrous metal.



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

Specifications	Facts	Details
Use	Examination of – packaged products – unpackaged products – bulk goods	Non-metallic goods on conveyor belt or material slide
Product temperature	-20 °C to +80 °C	
Operating conditions	-10 °C to +40 °C 25% to 80% rF, non-condensing	
Material	Coil housing Tunnel Electronic housing	Stainless steel 1.4301 / AISI 304, glass beaded finish Polypropylene Stainless steel 1.4301 / AISI 304, glass beaded finish
Protection type	IP65 IP66/69	Complete device At the detection tunnel
Operating voltage	100-240 V AC (±10 %), 50/60 Hz	
Backup	6.3 A, delay-action	
Mains cable	1.8 m, with safety plug	Mounted to IO unit
Interfaces	USB	With cover cap IP67
Incoming	Processing via INTUTY CONTROL	<ul style="list-style-type: none"> – Light sensor at coil input – Reset – Bypass – External start AuditCheck – Rejection monitoring – Fill level notification – Compressed air monitoring – Conveyor belt control
Outputs	<ul style="list-style-type: none"> – 2 switch outputs 24 V DC for solenoid valves – 2 application specific switch outputs 24 V DC – Switch outputs 24 V DC operation, metal, interference and AuditCheck, e.g. for signal lamps and horn – 2 potential-free relay switch outputs – 1 potential-free relay switch output – 1 output metal counter – 1 output release signal 	Max. current load 500 mA per output Max. 250 V AC/3 A for metal detected Max. 250 V AC/3 A for interference
Self-monitoring	Metal detection coil Outputs	
Options	Facts	Details
Light sensor at coil input	Conveying of piece goods	
Warning device SK24-R-4+1	<ul style="list-style-type: none"> – 4 signal lamps and 1 horn, mounted to signal support bracket – Cabling and assembly aid 	Red: Error Orange: Metal detected Green: Ready for operation Blue: AuditCheck

Warning device SK24-R – Yellow signal lamp + 1 horn, mounted to signal support bracket
– Cabling and assembly aid

Error and metal detected

IP66/69 protection Flip cover via touch display

Cleaning with hose water possible

Infographic



Symbols



Dimensions



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