



BBULL FR

Vent Tube Detection
with Electromagnetic Sensory

PRODUCT SPECIFICATION



Technical Principle

Inductive inspection of the content of glass, plastic and PET for metallic parts in the content.

Performance

Working distance of the sensor with stainless steel approx. 50 mm and with Fe approx. 60 mm, object size min. 6 mm (tube), object length min. 105 mm, material thickness min. 1,5 mm.

The metallic objects have to stand upright on at least 60 mm height in the container.

Technical Data

Max system performance in c/h:	60.000
Power supply in V/Hz:	230/50
Power consumption in VA:	100
Diameter of the cable in mm ² :	max. 1,5, min. 0,75
Measurements (WxHxD) in mm:	300x520x580
Weight in kg:	20
Protection class:	IP 65
Environmental temperature in °C:	10 - 60
Output:	PNP direct output of a 24 V signal if metal parts are detected. (the signal can be connected to an alarm (opt./acu.) or can be used to release a conveyor stop (processing by external PLC)

Conveyor

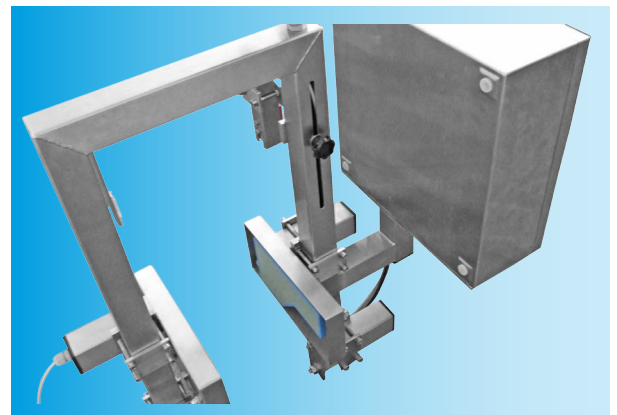
Max. speed 1,7 m/sec, chain conveyor (plastic preferable).

The objects to be inspected have to be calmed by a railing and as close as possible guided to the sensor.

Application

	sensors	diameter of bottles
BBULL FR 50	1	up to 50 mm
BBULL FR 100	2	up to 100 mm
BBULL FR 120	2*	up to 120 mm

* supersensitive sensors



STRATEC CONTROL-SYSTEMS GmbH • Ankerstrasse 73 • 75203 Königsbach-Stein
Telefon (+49) 72 32- 40 06- 0 • Telefax (+49) 72 32- 40 06- 25 www.bbull.com

BBULL INFORMATIK & INDUSTRIE ELEKTRONIK
CENTRO KONTROLLSYSTEME
STRATEC CONTROL-SYSTEMS
SYMPLEX VISION SYSTEMS