Requirements and Solutions

Philosophers continue to debate whether a glass is half-full or half-empty. You can avoid any discussion with lawmakers and keep your customers from turning into philosophers by implementing the KHS Innocheck series fill level check. This measuring unit is based on high frequency technology. Fill levels are measured by creating an electromagnetic field between the transmitter and receiver. A container in the measuring unit modifies the electromagnetic field thereby making the fill level measurable.

Key Features

· Capacitive measurement system
· Suitable for non-foaming or low-foaming products
· Suitable for glass and PET containers
· Not suitable for containers with metallized materials (e.g. labels or aluminum foil) in the fill level or measurement area
· Serves to maintain product safety with regard to minimum legal amounts
· Measurement area can be adapted to the container shape
· Measurement data transmitted via CAN-BUS
· Hygienic design

Standard Equipment

· Hygienically designed stainless steel housing
· Height-adjustable stand
· Transmitter and receiver to create a high-frequency field
· Adjusting unit to alter the horizontal distance between the transmitter and receiver
· Innovative KHS image processing software

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Advantages

- No special safety regulations or time-consuming registration procedures necessary to implement the measurement bridge
- Precision measurement of fill levels
- High reliability of the measuring system
- Reliable transmission of measurement data via CAN-BUS
- Overfill and underfill checking possible with one measuring unit
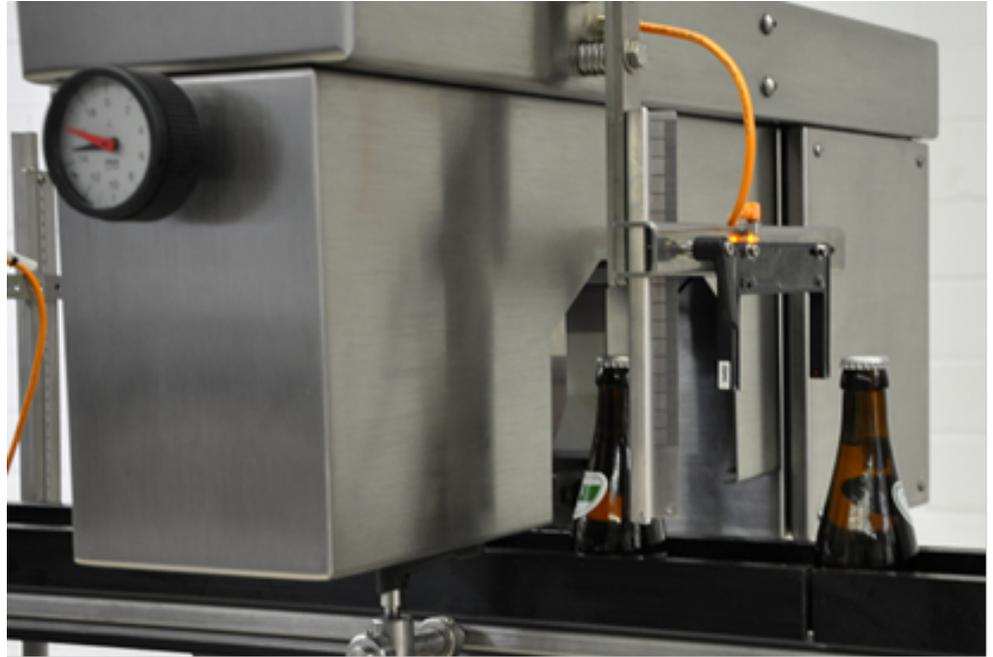
Possible Combinations

- Innocheck CCI (crooked cap inspection)
- Innocheck TSI (tamper-evident seal inspection, closure color, other options)
- Innocheck FMS (filler and capper management system)
- Closure presence

Service

- Worldwide service
- Holistic consulting and planning
- ReDiS remote maintenance
- Fast supply of spare parts

Technical Data

Maximum machine capacity	
72,000 containers per hour / 1,200 containers per minute	
Measuring tolerances (product-dependent)	
+/- 3 mm	
Protection class	
IP 65	

KHS