



LevelCheck 350C

Level Switch for bulk material



Application

The level switch LevelCheck 350C serves for level monitoring of solids into silos, containers or others.

Suitable solids are e.g. powders, dusts, pellets and granulates.

As soon as the product is in front of the sensor a transistor switches on. At a fall in the material the transistor switches off again.

Main Benefits

- ◆ Reliable capacitive measuring principle
- ◆ For all solid materials
- ◆ For level measuring in silos, container, etc.
- ◆ Adjustable sensitivity
- ◆ Easy installation by compact constructions
- ◆ Process connection by flange, etc.

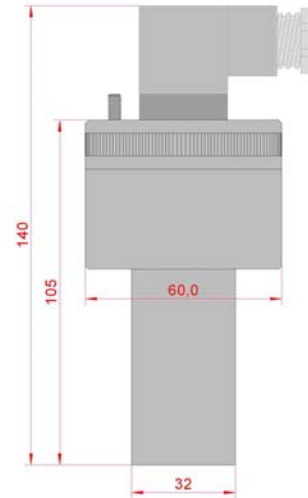
Scope of use

animal feed industry
building materials industry
production of ceramics
chemical industry
detergent industry
food industry
glass production
metal production
pharmaceuticals
pigment production
power plants
production of rubber goods
recycling industry
synthetic materials
production of textiles
etc.

Function

The capacitive working LevelCheck 350C builds up a high-frequency, electrical field over the sensor surface. If materials touches or is close to this field, the electrical field changes and the electrical signal changes within the sensor. This is converted into a switching process.

The sensitiveness of the sensor can be adjusted continuously and enables a variable determination of the switching point resp. a switching process for different mass flows. The installation can be carried out in silos, containers, shafts or at similar containers. The assembly is simply, economical and easy also afterwards possible.



Technical Data

Material	Housing	St.St. 1.4571
	Process coupling	St.St. 1.4571/ Teflon
Isolation		IP 65
Temperature	Ambient	-15°C up to +75°C
	Process	-15°C up to +105°C
Process pressure		2 bar
Electr. connection		Max. on inquiry
Power Supply		Plug connection
Consumption		24 VDC
Output		15 mA
Output current	Logic	PNP / NO
Adjustable	Sensitivity	Max. 400 mA
Switch point		Continuously
		Continuously

