



## FlowSWITCH 350C

### Flow Indicator for bulk material



#### Application

The indicator FlowSWITCH 350C **monitors** the mass flow of **solids**. Flow problems with transports or the feeding of **powders, dust, pellets, or granulates** can be detected early with this device. This helps to prevent serious difficulties that can occur due to clogged piping, material loss, or other technical problems with the system.

#### Main Benefits

- ◆ Maintenance free
- ◆ Adjustable sensitivity
- ◆ Adjustable contact
- ◆ Condition indication with LED
- ◆ Compact form of construction
- ◆ Easy Installation

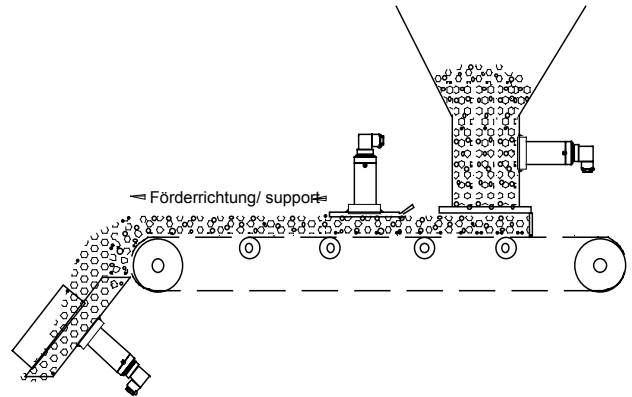
#### Scope of use

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 FlowSWITCH 350C builds up a high-frequency, electrical field over the sensor surface. If materials flows or falls through this field, the electrical field changes and the electrical signal inside the sensor changes appropriate. 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 within pipes, on conveying belts, on fall plates or at similar transport facilities. The assembly is simply, economical and easy also afterwards possible.



## Technical Data

Material	Housing	St.St. 1.4571
	Process coupling	St.St. 1.4571
Isolation		IP 65
Temperature	Ambient	-5°C up to +75°C
	Process	5°C up to 105°C
Process pressure		max. 16 bar
Electr. connection		plug connection
Power Supply		24 VDC
Consumption		15 mA
Output	Logic	PNP / NO
Output current		Max. 400 mA
Adjustable sensitivity		Continuously
Switch point		Continuously

