

Capacitance Point level detection Nivector FTC968

For all types of powdered and fine-grained solids



from **CHF179.00**

Price as of 02.12.2021

More information and current pricing:

www.ch.endress.com/FTC968

Benefits:

- Simple mounting and commissioning without calibration
- Mechanical safety, cost-efficiency and long operating life due to no wearing parts
- Reliable operation due to high immunity to electromagnetic interference and voltage peaks
- Simple control thanks to the visibility of the switching status from outside the vessel
- Function test also with filled silo possible

Specs at a glance

- **Process temperature** -40 °C ... 80 °C (-40 °F ... 176 °F)
- **Process pressure absolute / max. overpressure limit** Vacuum ... 6 bar (Vacuum ... 87 psi)

Field of application: Nivector FTC968 is a simple and cost-effective probe for point level detection in bulk solids in silos containing free-flowing powders or fine-grained solids. Its flush-mounted construction and materials make it suitable for use in the food industry.

Features and specifications

Point Level / Solids

Measuring principle

Capacitive Solid

Point Level / Solids**Characteristic / Application**

Compact for all types of powdered solids / small-grain bulk solids

Specialities

Active build-up compensation

Supply / Communication

2-wire AC: 24V ... 253V

3-wire DC: 10V ... 55V

Ambient temperature

-20 °C ... 60 °C

(-4 °F ... 140 °F)

Process temperature

-40 °C ... 80 °C

(-40 °F ... 176 °F)

Process pressure absolute / max. overpressure limit

Vacuum ... 6 bar

(Vacuum ... 87 psi)

Main wetted parts

PC, PA

"Protector":

FDA listed material PBT-GF

(according to 21 CFR 177.1660)

Process connection

G1, G1 1/2

Communication

2-wire AC

3-wire DC

Options

Protector

Point Level / Solids

Application limits

DK min 1,6

Observe pressure and temperature derating

More information www.ch.endress.com/FTC968