

# Capacitance Point level detection Minicap FTC260

## Designed for light bulk solids



### Benefits:

- Simple mounting and commissioning without calibration
- Mechanical safety, cost-efficiency and long operating life due to no wearing parts
- High operational safety and reliability due to active build-up compensation

### Specs at a glance

- **Process temperature** -40 °C ... 120°C (-40 °F ... 248 °F)
- **Process pressure absolute / max. overpressure limit** -1 ... 25 bar (-14.5 ... 360 psi)

from **CZK6,001.00**

Price as of 28.05.2022

More information and current pricing:

[www.cz.endress.com/FTC260](http://www.cz.endress.com/FTC260)

**Field of application:** Minicap FTC260 is a simple and cost-effective rod probe for point level detection in bulk solids, particularly suited to applications involving aggressive media and heavy build-up. It is designed for point level detection of light bulk solids, e.g. grain products, flour, milk powder, animal feed, cement, chalk or gypsum.

## Features and specifications

### Point Level / Solids

#### Measuring principle

Capacitive Solid

#### Characteristic / Application

Compact rod probe with build-up compensation  
easy start up

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**Point Level / Solids****Specialities**FDA-listed material

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**Supply / Communication**

10,8 ... 45V DC, DC-PNP 3-wire

20 ... 253V AC, or

20 ... 55V DC, Relay output

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**Ambient temperature**

-40 °C ... 80 °C

(-40 °F ... 176 °F)

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**Process temperature**

-40 °C ... 120°C

(-40 °F ... 248 °F)

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**Process pressure absolute / max. overpressure limit**

-1 ... 25 bar

(-14.5 ... 360 psi)

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**Main wetted parts**

PPS = Polyphenylene sulphide

(glass fibre content approx. 40%)

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**Process connection**

R1"

NPT1"

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**Sensor length**140 mm (5.51")

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**Communication**

PNP transistor output

Relay output (potential-free  
change-over contact / SPDT)

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**Certificates / Approvals**ATEX, IEC, FM, CSA, NEPSI, EAC

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## Point Level / Solids

### Options

Aluminium Housing

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### Application limits

Solids, grain size max. 30 mm (1.2"),

DK min 1,6

Flexural strength 1400 N (at probe tip)

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More information [www.cz.endress.com/FTC260](http://www.cz.endress.com/FTC260)