

# Capacitance Point level detection Minicap FTC262

## 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
- Optimized storage by simply shortening the rope probe on site

### Specs at a glance

- **Process temperature** -40 °C ... 80 °C (-40 °F ... 176 °F)
- **Process pressure absolute / max. overpressure limit** -1 ... 6 bar (-14.5 ... 90 psi)

from **SGD673.00**

Price as of 21.10.2021

More information and current pricing:

[www.sg.endress.com/FTC262](http://www.sg.endress.com/FTC262)

**Field of application:** Minicap FTC262 is a simple and cost-effective rope 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

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**Point Level / Solids****Characteristic / Application**

No calibration on start-up  
Active build-up compensation  
Mechanically robust  
The rope probe can be shortened  
(optimum matching to the measuring point)

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**Specialities**

Rope shortening parts to be supplied by the customer

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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 ... 80 °C  
(-40 °F ... 176 °F)

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

-1 ... 6 bar (-14.5 ... 90 psi)

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**Main wetted parts**

PPS = Polyphenylene sulphide  
(glass fibre content approx. 40%)

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**Max. tensile strength**

3000 N

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**Process connection**

R 1 1/2  
NPT 1 1/2

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**Sensor length**

min. 500 mm (20"), max 6000 mm (236")

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## Point Level / Solids

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### Communication

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

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### Certificates / Approvals

ATEX , FM, CSA, NEPSI, EAC

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### Options

Aluminium Housing

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### Application limits

Solids, grain size max. 30 mm (1.2"),  
DK min 1,5  
Flexural strength 1400 N (at probe tip)

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More information [www.sg.endress.com/FTC262](http://www.sg.endress.com/FTC262)