

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 / max. overpressure limit** -1 ... 25 bar (-14.5 ... 360 psi)

from **€208.00**

Price as of 07.12.2022

More information and current pricing:

www.be.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

Point Level / Solids**Specialities**

FDA-listed material

Supply / Communication

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

20 ... 253V AC, or

20 ... 55V DC, Relay output

Ambient temperature

-40 °C ... 80 °C

(-40 °F ... 176 °F)

Process temperature

-40 °C ... 120°C

(-40 °F ... 248 °F)

Process pressure / max. overpressure limit

-1 ... 25 bar

(-14.5 ... 360 psi)

Main wetted parts

PPS = Polyphenylene sulphide

(glass fibre content approx. 40%)

Process connection

R1"

NPT1"

Sensor length

140 mm (5.51")

Communication

PNP transistor output

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

Certificates / Approvals

ATEX, IEC, FM, CSA, NEPSI, EAC

Point Level / Solids

Options

Aluminium Housing

Application limits

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

DK min 1,6

Flexural strength 1400 N (at probe tip)

More information www.be.endress.com/FTC260