

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 / max. overpressure limit** -1 ... 6 bar(-14.5 ... 90 psi)

from **€428.00**

Price as of 30.09.2024

More information and current pricing:

www.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

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)

Specialities

Rope shortening parts to be supplied by the customer

Supply / Communication

10,8 ... 45V DC, DC-PNP 3-wire
20 ... 253V AC, or
20 ... 55V DC, Relay output

Ambient temperature

-40°C...+70 °C(-40°F...+158°F)

Process temperature

-40°C...+80°C
(-40°F ...+176 °F)

Process pressure / max. overpressure limit

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

Main wetted parts

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

Max. tensile strength

3000 N

Process connection

R 1 1/2
NPT 1 1/2

Sensor length

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

Point Level / Solids

Communication

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

Certificates / Approvals

ATEX , IEC Ex, FM, CSA, NEPSI, UK Ex

Options

Aluminium Housing

Application limits

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

More information www.endress.com/FTC262