

## Point level switch Soliswitch FTE30 rotary paddle switch

Simple mechanical mechanism, extremely robust and cost-effective point level switch for bulk solids



### Benefits:

- Reliable and economical paddle switch
- Highest safety standard
- Diverse instrument designs for use under different application conditions
- Slip clutch prevents impact on paddle
- Ingress protection to IP65 for optimum safety in the process

### Specs at a glance

- **Process temperature** -20 °C ... 80 °C (-4 °F ... 170 °F)
- **Process pressure / max. overpressure limit** 0.5 bar to 1.5 bar (7 psi to 22 psi)
- **Min. density of medium**  $\geq 100$  g/l

from **€386.45**

Price as of 25.08.2025

More information and current pricing:

[www.endress.com/FTE30](http://www.endress.com/FTE30)

**Field of application:** The economical Soliswitch FTE30 is a paddle switch for point level detection in bulk materials. Its robust polymer housing and compact design makes it an ideal sensor for full, empty and demand alarm in applications with bulk solids. The optimized materials make the unit outstandingly robust and therefore suitable for use in dust explosive areas.

### Features and specifications

Point Level / Solids

Measuring principle

Paddle

---

## Point Level / Solids

---

### Characteristic / Application

universally applicable as a full, empty and demand alarm on silos containing solids

---

### Specialities

Hinged paddle

---

### Supply / Communication

230 VAC 50/60 Hz

115 VAC 50/60 Hz

48 VAC 50/60 Hz

24 VAC 50/60 Hz

20 bis 28 VDC

---

### Ambient temperature

-20 °C ... 60 °C (-4 °F ... 140 °F)

---

### Process temperature

-20 °C ... 80 °C (-4 °F ... 170 °F)

---

### Process pressure / max. overpressure limit

0.5 bar to 1.5 bar (7 psi to 22 psi)

---

### Min. density of medium

$\geq 100$  g/l

---

### Main wetted parts

Shaft: 1.4305

Paddle: 1.4301

---

### Process connection

G 1 1/2", PBT

G 1 1/2", 1.4305

Reinforced shaft G 1 1/2", 1.4305

---

**Point Level / Solids****Sensor length**

100 mm (4")

200 mm (8")

300 mm (12")

400 mm (16")

500 mm (20")

600 mm (24")

Rope length of approx 2000 mm (80"), can be shortened

---

**Communication**Micro switch with changeover contact max. 10 A/250 VAC

---

**Certificates / Approvals**No approvals available

---

**Options**Relay

---

**Application limits**max. grain size 50 mm (2")

---

More information [www.endress.com/FTE30](http://www.endress.com/FTE30)