

Point level switch Soliswitch FTE31 Rotary paddle switch

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



từ **289,35 €**

Giá kể từ 10.05.2021

Thông tin thêm và mức tính giá hiện tại:

www.apsc.endress.com/FTE31

Lợi ích:

- Reliable and economical paddle switch
- Highest safety standard for dust-explosion-hazardous areas
- Diverse instrument designs for use under different application conditions
- Slip clutch prevents impact on paddle
- Ingress protection to IP 65 / NEMA 4x / Type 4x for optimum safety in the process

Tổng quan về thông số kỹ thuật

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

Phạm vi ứng dụng: The economical Soliswitch FTE31 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.

Tín năng và thông số kỹ thuật

Point Level / Solids**Measuring principle**

Paddle

Characteristic / Application

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

Specialities

Hinged paddle for retro-fitting

Supply / Communication

230V 50/60 Hz

115V 50/60 Hz

48V 50/60 Hz

24V 50/60 Hz

20 to 28 VDC

Ambient temperature

-20 °C ... 60 °C (-4 °F ... 140 °F)

Process temperature

-20 °C ... 80 °C (-4 °F ... 170 °F)

Process pressure absolute / max. overpressure limit

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

Min. density of medium

>= 100 g/l

Main wetted parts

Shaft: 1.4435

Paddle: 1.4435

Point Level / Solids**Process connection**Threaded boss - thread NPT 1 1/4" or NPT 1 1/2"

Sensor length

Standard:

75 mm (3")

100 mm (4")

200 mm (8")

300 mm (12")

400 mm (16")

500 mm (20")

600 mm (24")

CommunicationRelay

Certificates / Approvals

FM

CSA

Application limitsmax. grain size 50 mm (2")

Thông tin bổ sung www.apsc.endress.com/FTE31