

# Conductive Point level detection Liquipoint FTW31

Rod probe for multipoint detection for up to 5 switch points



## Benefits:

- Cost-effective probe for conductive liquids with detection of up to five point levels with one probe
- No calibration required
- Standard setting for the most common conductive liquids
- No moving parts in the tank - long service life, reliable operation with no wear or blockages

## Specs at a glance

- **Process temperature** -40 °C ... 100 °C (-40 °F ... 212 °F)
- **Process pressure / max. overpressure limit** Vacuum ... 10 bar (Vacuum ... 145 psi)
- **Min. conductivity of medium** 10 µS/cm

from **CA\$186.00**

Price as of 28.11.2022

More information and current pricing:

[www.ca.endress.com/FTW31](http://www.ca.endress.com/FTW31)

**Field of application:** The Liquipoint FTW31 offers simple and safe point level detection in conductive liquids. It offers numerous measuring possibilities due to multipoint detection (up to 5 rods).

## Features and specifications

### Point Level / Liquids

#### Measuring principle

Conductive

#### Characteristic / Application

Compact rod probe with multipoint detection, possible up to 5 switch points. Simple rod shortening.

---

**Point Level / Liquids****Supply / Communication**

DC PNP 10,8V ... 45V  
Relay 20V ... 230V AC  
Relay 20V ... 55V DC

---

**Ambient temperature**

-40 °C ... 70 °C  
(-40 °F ... 158 °F)

---

**Process temperature**

-40 °C ... 100 °C  
(-40 °F ... 212 °F)

---

**Process pressure / max. overpressure limit**

Vacuum ... 10 bar  
(Vacuum ... 145 psi)

---

**Min. conductivity of medium**

10 µS/cm

---

**Main wetted parts**

316L, PP, PPS

---

**Max. tensile strength**

1000 N

---

**Process connection**

G 1 1/2  
NPT1 1/2"

---

**Sensor length**

0.1m ... 4m  
(3.9" ... 157")

---

**Communication**

DC PNP  
Relay

---

Point Level / Liquids

**Certificates / Approvals**

ATEX, EAC Ex

---

**Safety approvals**

Leakage Detection

---

**Components**

Transmitter: FTW325

---

**Application limits**

Observe min. medium conductivity

---

More information [www.ca.endress.com/FTW31](http://www.ca.endress.com/FTW31)