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

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