Capacitance
Point level detection
Liquipoint FTW23
Cost effective point level switch for water-based liquids

Benefits:
- Easy installation thanks to compact design, even in tight conditions or where access is restricted
- IO-Link reduces costs and complexity due to easy configuration of the devices via engineering tools
- CIP and SIP cleanability ensured - up to protection class IP 69
- Individual adjustment to each medium not necessary
- LED display for on-site function check

Specs at a glance
- **Process temperature** Standard: -20 ... 100°C Cleaning: -20 ... 135°C for 1h -4 ... 275°F for 1h
- **Process pressure / max. overpressure limit** Vacuum ... 16 bar Vacuum ....232 psi

Field of application: The Liquipoint FTW23 is developed and built for the food industry and meets all international hygiene requirements. The device also fits perfectly for industrial applications in all industries. It is intended for use in applications in liquid media without build-up. The IO-Link capability allows easy parameter setting.

Features and specifications

<table>
<thead>
<tr>
<th>Point Level / Liquids</th>
<th>Measuring principle</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Capacitive Liquid</td>
</tr>
</tbody>
</table>
**Characteristic / Application**
Compact point level switch for using in water based liquids

**Specialities**
CIP and SIP suitable

**Supply / Communication**
10...30 V DC

**Ambient temperature**
-20...70°C
-4... 158°F

**Process temperature**
Standard:
-20 ... 100°C
Cleaning:
-20 ... 135°C for 1h
-4 ... 275°F for 1h

**Process pressure / max. overpressure limit**
Vacuum ... 16 bar
Vacuum ....232 psi

**Main wetted parts**
Sensor: 316L
Sensor isolation: PEEK

**Process connection**
Thread G1, G1/2, G3/4, M24

**Communication**
DC PNP
IO- Link

**Certificates / Approvals**
CSA C/US
Point Level / Liquids

**Design approvals**
EN 10204-3.1

**Hygienic approvals**
3A, EHEDG

**Options**
Weld-in adapter,
Process adapter for hygienic process connections

**Application limits**
Conductive foam is recognized as a liquid