

# Endress+Hauser Vibronic level switch FTL31-AA4V3AAWDJ

**Vibronic point level switch for overflow prevention or pump protection in liquids.**



Picture for reference only. Product appearance may vary based on configuration

The Liquiphant FTL31 is a vibronic point level switch for liquids. The device is used for overflow prevention or pump dry-run protection in cleaning systems. The measurement is not affected by conductivity, build-up, turbulence, flow or air bubbles and does not require calibration. The optional IO-Link capability allows easy and time-saving configuration.

- The FTL31 works in areas where other measuring principles are not suitable due to conductivity, build-up, turbulences, flow conditions or air bubbles
- Smallest vibronic sensor on the market

### Configuration of FTL31-AA4V3AAWDJ:

|                        |     |                                                    |
|------------------------|-----|----------------------------------------------------|
| Approval:              | AA  | Non-hazardous area                                 |
| Power Supply; Output:  | 4   | 10-30VDC; 3-wire PNP                               |
| Electrical Connection: | V   | Valve plug ISO4400 NPT1/2, IP65 NEMA Type 4X Encl. |
| Sensor Design:         | 3   | Max. process temperature 150oC/302oF               |
| Sensor Type:           | AA  | Compact version 316L Ra<3.2um/126uin               |
| Process Connection:    | WDJ | Thread ISO228 G1, 316L                             |

Alternative part number: FTL31-1NN0/0