

Tuning Fork Liquid Level Switch

This tuning fork level switch is designed for operation in process temperatures from -40 to 150 degrees Celsius. It features electronic self-checking and condition monitoring.



Overview

Robust Level Detection Technology

The Tuning Fork Liquid Level Switch is a reliable point level sensor engineered for precision in challenging industrial environments. Utilizing natural frequency vibration technology, it effectively detects liquid levels while remaining insensitive to foam, buildup, and varying dielectric constants. Its compact and versatile design is ideal for overfill protection, pump control, and dry run prevention.

Technical Specifications

Protection Grade

IP65

Power Supply Options

DC24V, AC220V

Max Process Pressure

2 MPa

Min Material Density

0.6 g/cm³

Explosion-proof Grade

Ex d II CT4

Operational Modes

Adjustable Output Delays

- 0.3s
- 1s (factory standard)
- 3s
- 10s
- 30s

Relay Output Rating

220 V/5A

AC Rating

28 V/10A

DC Rating

Environment & Installation

Temperature Tolerances

Condition	Range
Working Temperature	-40 to 150 °C
Environment Temperature	-20 to 70 °C

Installation Options

- 1" NPT thread (Standard)
- BSPT thread (Optional)
- Flange installation (Optional)