

# 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 overflow 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/cm<sup>3</sup>

### 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)