

Tuning Fork Level Switch

This level switch accurately detects levels even in difficult conditions, including turbulence and foam. The tuning fork design ensures reliable point level detection in liquids and solids.



ADDITIONAL IMAGES



Overview

Reliable Level Detection

The Tuning Fork Level Switch provides precise and reliable point level detection for a wide variety of liquids and solids. Designed to be virtually unaffected by the physical or chemical properties of the medium, it ensures consistent performance in diverse industrial settings. With a robust construction and adjustable sensitivity, this switch is an ideal, cost-effective solution for monitoring tanks, silos, and hoppers.

Technical Specifications

Output Delay

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

Relay Output Ratings

220 V AC Voltage	5 A AC Current	28 V DC Voltage	10 A DC Current
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Power Supply

DC 24V, AC 220V

Power Consumption

1.5 W

Operating Conditions

Operating Temperatures

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

Max Process Pressure 2 MPa

Minimum Material Density 0.6 g/cm³

Installation & Compliance

Protection Rating

IP65

Process Connection

- 1" NPT thread (standard)
- BSPT (optional)
- Flange installation (optional)

Explosion-Proof Grade Ex d a CT4

Electrical Interface G1/2" (female)