NOSHOK

LSE20 SERIES VIBRATING LEVEL SWITCH

RELIABLE POINT-LEVEL DETECTION FOR DEMANDING LIQUID APPLICATIONS



COMPACT | MAINTENANCE-FREE | NO CALIBRATION | FAST DELIVERY

The NOSHOK LSE20 Series delivers accurate, reliable point-level detection for liquids using proven vibrating fork (tuning fork) technology. Designed for industrial and hygienic applications, it provides consistent switching output for high and low level alarms, pump run-dry protection, and overfill prevention.

Engineered to operate independently of pressure, temperature, foam, turbulence, and viscosity, the LSE20 ensures dependable performance in challenging environments. With no calibration required, a compact design, and fast delivery, it offers a simple, cost-effective solution for critical level detection needs.

KEY BENEFITS

- **Reliability:** Stable, repeatable switching unaffected by process conditions such as foam, flow, or viscosity
- **Lower lifecycle cost:** No calibration required and no moving parts beyond the fork reduce maintenance and downtime
- **Improved safety and uptime:** Dependable high/low level detection helps protect equipment and prevent overfill or dry-run conditions
- **Fast deployment:** Compact, lightweight design with simple installation and configuration for quick commissioning



COMMON APPLICATIONS

Pump protection, overfill prevention, high and low level alarms, food & beverage processing, chemical processing, water & wastewater, general industrial liquid applications

ISO 9001:2015 REGISTERED

Adaptive Industrial Solutions | sales@adaptiveind.com | (877) 818-5009

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LSE20 SERIES VIBRATING LEVEL SWITCH

PERFORMANCE AT A GLANCE

- Vibrating fork technology for reliable point-level detection
- Switching output: PNP digital signal
- Wide viscosity range: 0.1 to 10,000 cP
- Response time: Fast switching for real-time level detection
- LED status indication: Green (open), Red (closed), Flashing Red (error)

BUILT FOR REAL-WORLD CONDITIONS

- Media temperature: Suitable for a wide range of industrial and sanitary processes
- Ambient temperature: Designed for demanding environments
- Max operating pressure: Up to 930 psi (64 bar)
- Housing: 316L Stainless Steel
- Wetted parts: 316L Stainless Steel with optional Hastelloy C-276 for corrosive media
- Environmental rating: IP66/IP68 for long-term durability in harsh conditions
- Resistant to foam, turbulence, and buildup for consistent operation

EASY INTEGRATION

- Power supply: Standard DC input for industrial systems
- Process connections: NPT and Tri-Clamp options for flexible installation
- Compact, lightweight design (~7 oz.) for easy mounting in tight spaces
- No calibration required — install and operate without adjustment
- Sanitary configurations available (CIP/SIP compatible) for hygienic applications



THE LSE20 IS AN IDEAL CHOICE FOR

OEMs, integrators, and end users who need dependable point-level detection in a compact, rugged, and cost-effective solution. It delivers the reliability and simplicity required to protect processes, equipment, and uptime across a wide range of industries.

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