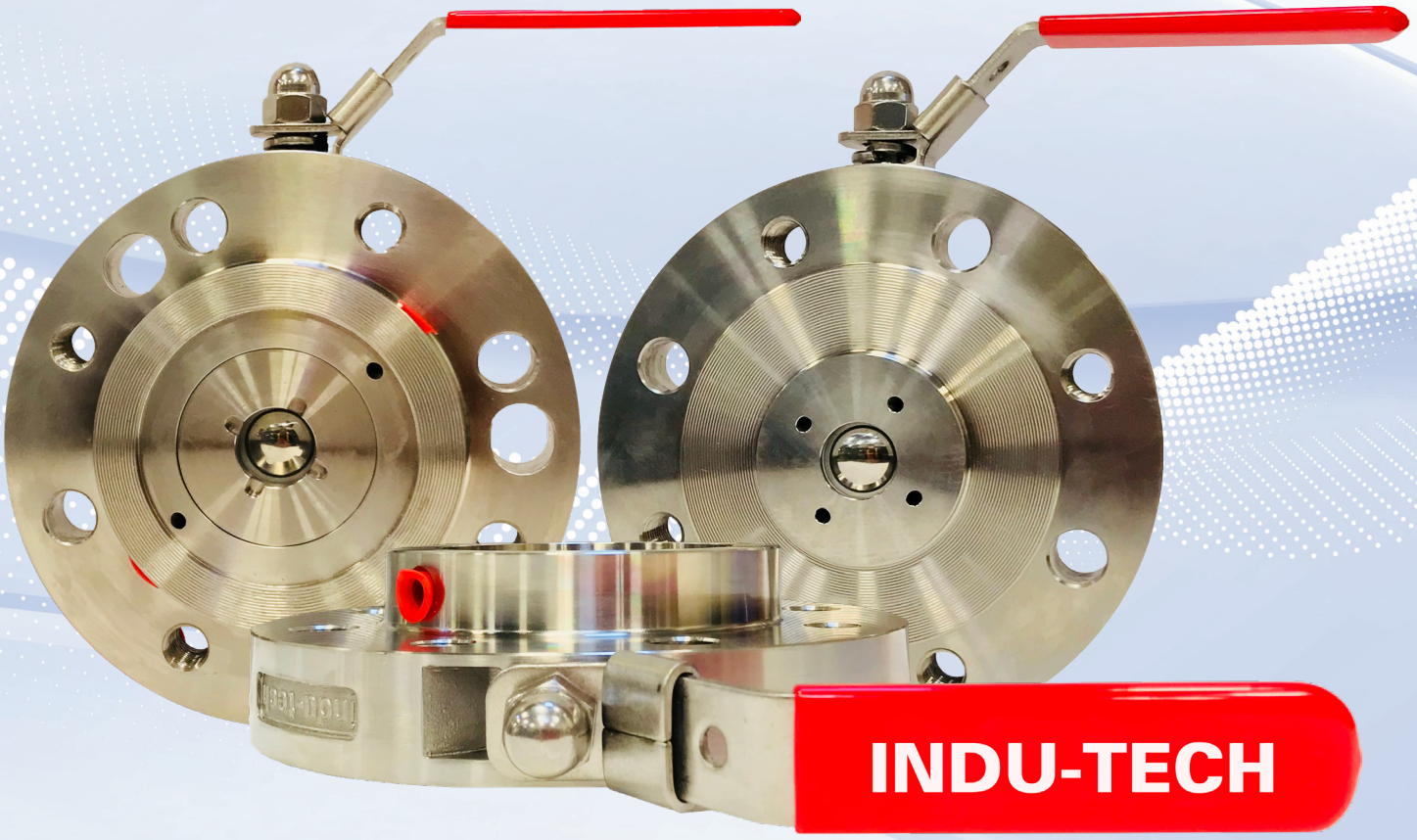
SCG
INDU-TECH

LEVEL TRANSMITTER ISOLATION VALVE



BUILT TO GET THE JOB DONE

Reduced plant maintenance. Improved instrument calibration. Enhanced employee health and safety. For over 35 years, the Indu-Tech Level Transmitter Isolation Valve has been built to the get job done under the toughest conditions at industrial sites around the world. With an optimized design that enables superior level measurements, simplified installation and the industry's only Swirl-Purge™ in-situ flushing feature, the Indu-Tech Level Transmitter Isolation Valve sets the standard for long-term and trouble-free performance.

Reduced Plant Maintenance

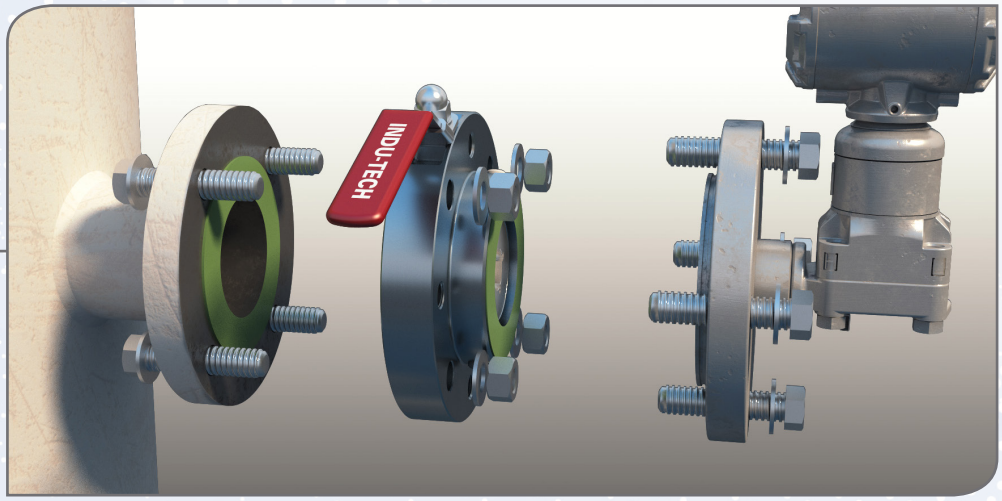
Maximize uptime at your facility by eliminating the time and cost associated with draining process tanks to change-out or calibrate level measurement instrumentation.

Improved Instrument Calibration

Save maintenance staff time with the unique Swirl-Purge™ in-situ flushing feature which ensures a clean and clog-free passageway directly to the level transmitter diaphragm.

Enhanced Employee Health and Safety

Reduce the amount of time that staff spend around process tanks for maintenance and eliminate the health and safety challenges associated with leaking valves – especially knife gate valves.



Installation of the Indu-Tech Level Transmitter Isolation Valve is straight forward.

A threaded bolt pattern is provided for mounting the isolation valve to the process tank.

A second threaded bolt pattern is provided for mounting the level transmitter to the isolation valve.

An additional set of offset bolt holes are included for retrofitting knife gate valves (DS = Dezurik Pattern).

Each set of bolt pattern connectors complies with either ANSI or metric standards.

UNMATCHED DURABILITY AND FUNCTIONALITY

Designed to reduce maintenance and improve calibration, the Indu-Tech Level Transmitter Isolation Valve has a proven track record of superior, long-term performance.

Bubble Tight Seal
The isolation valve features a close captured seated ball design, which ensures that the process medium does not build up internally as commonly experienced with open cavity ball valves. Each valve is tested under strict quality standards for bubble tight design prior to shipment.

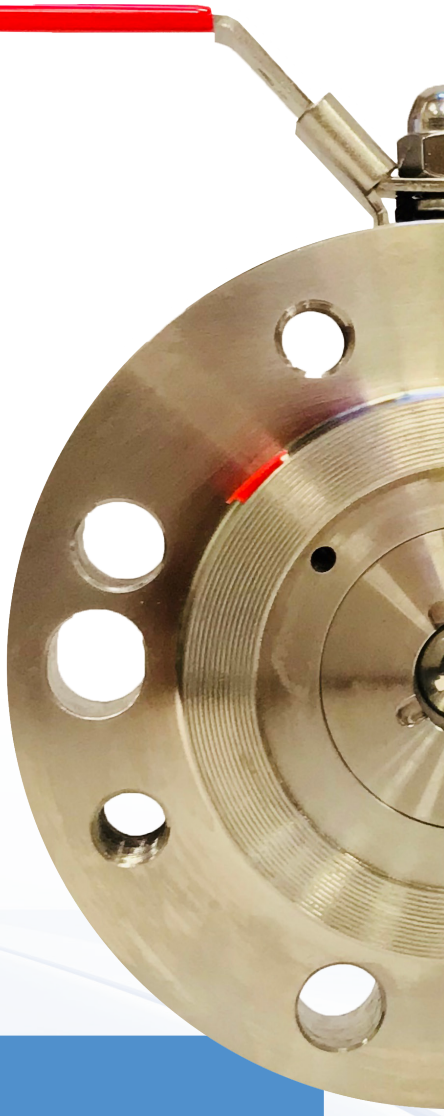
Universal Mounting
The isolation valve has independent bolting patterns to mount the valve to the tank and the level transmitter. Separate mounting plates ensure a safe working environment when removing a level transmitter from the tank during routine operations.

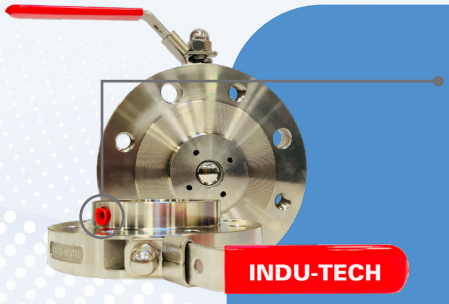
Thin Cross Section
The isolation valve features a thin cross section which ensures the level transmitter is as close as possible to the process tank for better measurement accuracy.

Lever Handle with Simple Lock Out
The isolation valve is designed with a 90-degree ¼ turn on/off lever handle. With no exposed apparatus on the handle, operators can open or close the handle on demand, even in situations where the valve has not been activated over a long period.

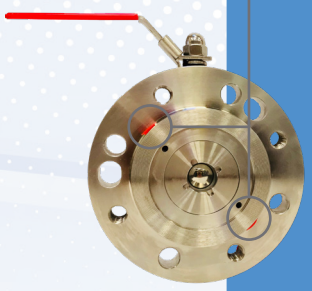
Light Weight and Compact
The Indu-Tech isolation valve weighs under 20lbs (9kg) and is straight forward to install, even in confined spaces that are difficult for larger valve designs. Installation does not require mechanized lifting gear.

Additional Features
- Double o-ring stem protection
- Blow-out proof stem
- Bubble tight certification
- Transmitter bolts to valve independent of tank studs





Tank Side Swirl-Purge™
The Swirl-Purge in-situ flushing feature maintains a clean passageway between the level transmitter and the tank ensuring optimum level transmitter readings during normal operations. It continues to perform effectively under tough applications, including black & white liquors, acids, peroxides, slurries and other process mediums.



Instrument Side Swirl-Purge™
The ¼-inch port instrument side purge performs several functions. The port provides instrument side pressure relief and it can be piped to provide pressure relief for applications such as hydrogen peroxide service.

The instrument side purge can also be used for level transmitter calibration without the removal of the level transmitter, allowing the instrument technician to calibrate each level transmitter without removing it from the tank. Closing the isolation valve (bubble tight) allows the technician to pump metered air into the instrument side cavity and calibrate the instrument.

Another function of the level transmitter side purge is to keep the diaphragm environment clean and free of contaminants to help ensure consistent and accurate readings.

MODEL LT-3110 LEVEL TRANSMITTER ISOLATION VALVE STANDARD SPECIFICATIONS

Size
3″ nominal

Process Connection
150# ANSI

Process Mounting
1 set of through holes

Instrument Mounting
1 set of tapped holes

Process Purge Connection
1/2″ NPT for Swirl-Purge™

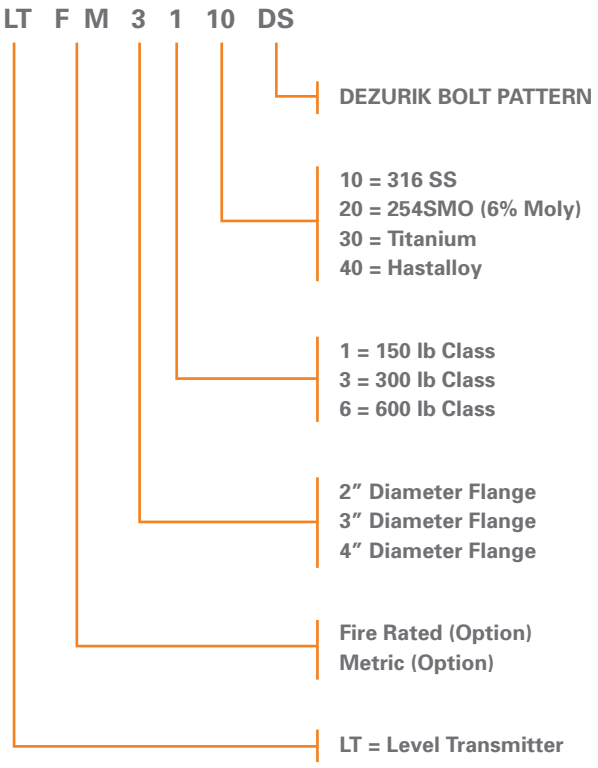
Instrument Purge Connection
1/4″ NPT for instrument calibration

Handle
1/4 turn on / off

Lockout
Lockable handle

Handle Clearance
6″ from centre of valve

LEVEL TRANSMITTER ISOLATION VALVE MODEL NUMBER SPECIFICATION SYSTEM



STANDARD APPLICATIONS

Valve Model LT
3″, 150 lb 316 SS is a standard application Indu-Tech Level Transmitter Isolation Valve

STANDARD APPLICATIONS

For unique applications the Indu-Tech valve is available in:

Diameter Flange Sizes
2″, 3″, 4″

Metric Sizes
Upon request

Pressure Ratings
- 150 lb Class
- 300 lb Class
- 600 lb Class

Specialty Materials
The Indu-Tech valve is available in a wide variety of materials to suit specific applications

API 607 FIRE RATED

The fire rated Indu-Tech Level Transmitter Isolation Valve is API 607 4th edition certified.

CERTIFICATIONS

- CRN certified (Canada)
- EPA bubble tight
- ANSI specifications
- Metric specifications
- Offset flange for KGV retrofit
- ISO 9003-2015

WORLDWIDE INSTALLATIONS

- Pulp & Paper
- Mining
- Steam Plants
- Oil & Gas
- Petrochemical
- Food & Beverage
- Pharmaceutical
- Wastewater Treatment

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