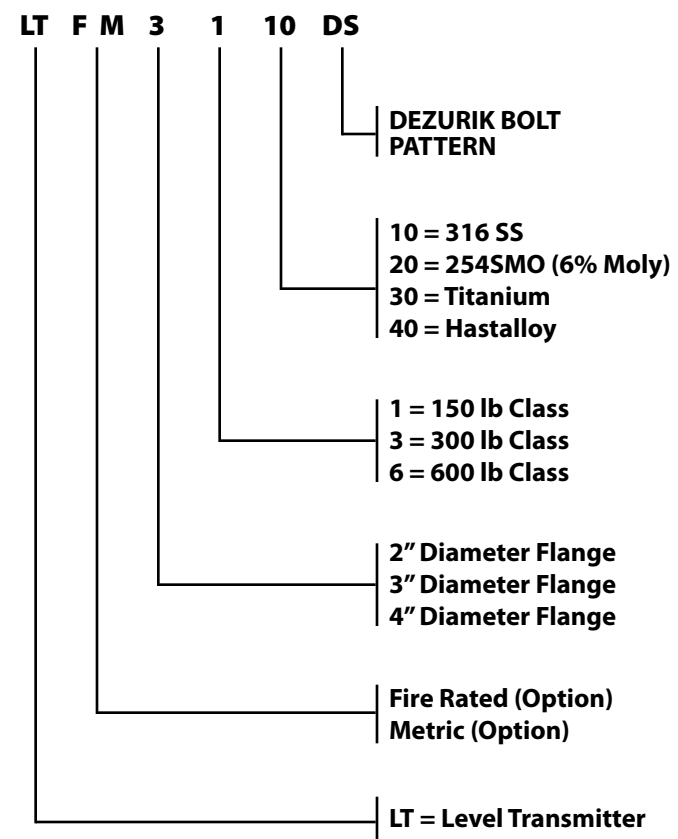


**Model LT-3110
Level Transmitter
Isolation Valve
Standard Specifications:**

- Size:**
3" Nominal
- Process Connection:**
150# ANSI
- Face to Face:**
2" Width
- 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
- Actuation:**
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-3110
3", 150 lb 316 SS is a standard application Level Transmitter Valve.

Unique Applications

For unique applications our Indu-tech Isolation Valves are 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:

Our valves are also available in a wide variety of materials to suit specific applications.



LEVEL TRANSMITTER ISOLATION VALVES



**PULP & PAPER ▪ STEAM PLANTS ▪ OIL & GAS ▪ PETROCHEMICAL ▪ CHEMICAL
FOOD & BEVERAGE ▪ PHARMACEUTICAL ▪ WASTE WATER TREATMENT**

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@indu_tech

Distributed By:

The Indu-tech Level Transmitter Isolation Valve is designed for **easy installation, simple operation, reliable performance, and exceptional durability**

The Indu-tech name exemplifies quality workmanship and reliable, cost effective performance.

We are foremost in our valve class for design, manufacturing, and performance.

The Indu-tech Isolation Valve is engineered to reduce maintenance costs and increase equipment uptime: it maintains its durability while exposed to high temperatures, corrosive applications, tight spaces, and on-line calibrations.

CAD designed with CNC manufacturing ensures that the quality of each and every valve meets North American and European Standards.

Light Weight - Compact Size

The Indu-tech Isolation Valve is light weight, weighing under 20 lb (9 kg) for the 3" - 150 lb Model and under 16 lbs (7.3 kg) for titanium.

These compact units are easy to install - its compact size allows for mounting in confined areas that are difficult or impossible for larger valve designs - no lifting gear necessary.

Tile Chest openings are reduced thereby increasing heat retention efficiency, lowering capital cost, and improving insulation values of the chest.

World-wide Installations

Asia	Chile	India
Australia	China	Sweden
Austria	Czech Republic	UAE
Brazil	Germany	USA
Canada		

API 607 FIRE RATED

The Fire Rated Indu-tech Level Transmitter Isolation Valve meets API codes. After extensive testing and certification rigours, the Indu-tech Valve has been granted an:

API 607 4th Edition Certification.

Certifications include:

- CRN Certified (Canada)
- EPA Bubble Tight
- ANSI Specifications
- Metric Specifications
- Offset Flanges for KGV Retrofit
- ISO 9003 - 2015

Safe

- Non-clogging
- Double O-Ring Stem Protection
- Blow out proof Stem
- Bubble Tight certified
- Transmitter bolts to valve independent of tank studs

Bubble Tight Seal

The Indu-tech Isolation Valve is a ball type design. A close captured seated ball ensures that process medium does not build up internally as in open cavity ball valves. Each valve is tested under strict Quality Assurance Standards for Bubble Tight Design, meeting EPA Standards during its assembly stage.

Universal Mounting

The standard Isolation Valve has independent bolting patterns to mount the Isolation Valve to the Tank and the Level Transmitter.

One set of through holes are provided for bolting the Isolation Valve to the Tank.

A second set of threaded holes are provided for mounting the Level Transmitter to the Indu-tech Isolation Valve.

An additional set of offset through holes are provided for retrofitting the old style of knife gate valves. (DS = Dezurik Pattern)

Each set of holes complies with either ANSI Standards or Metric Standards, depending on the application.

Separate mounting holes ensure a safe working environment when removing the Level Transmitter from the Tank during normal operations.

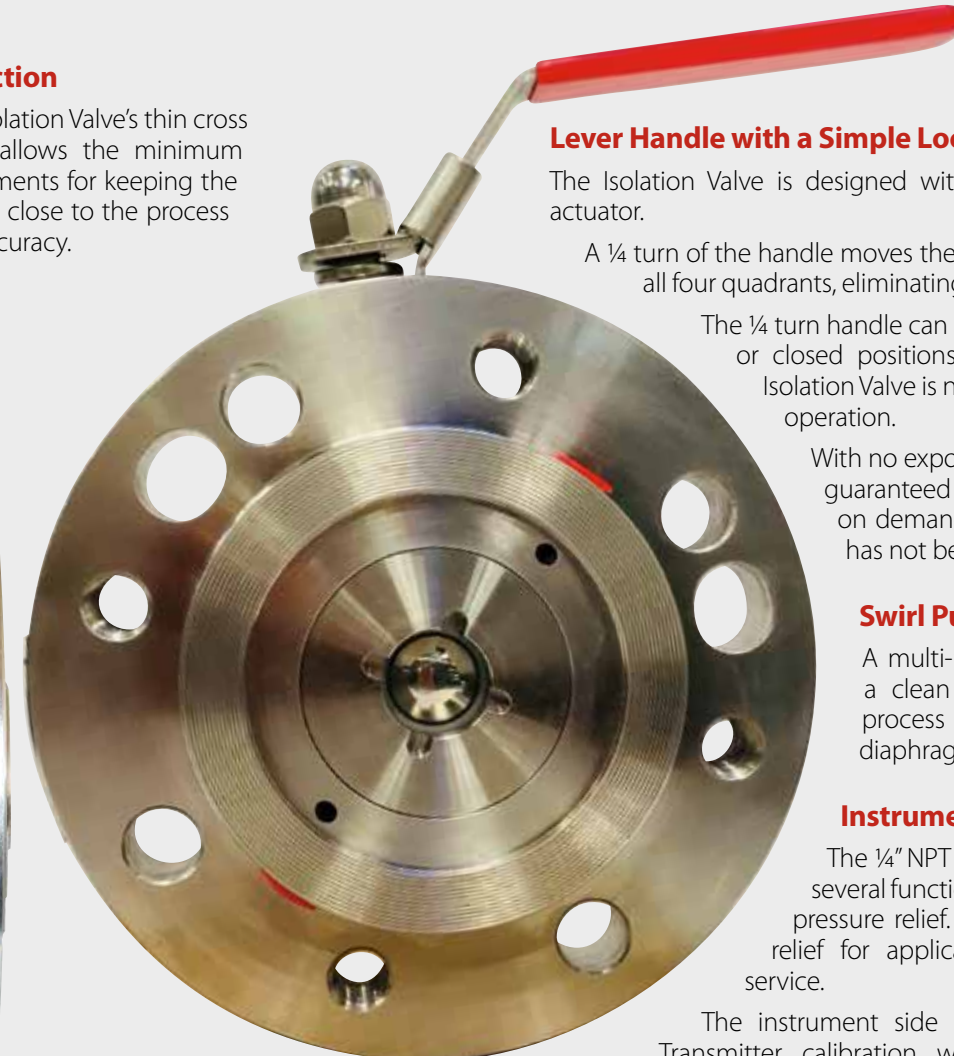
Tank Side Swirl Purge™

The Swirl Purge™ maintains a clean passageway between the Level Transmitter and the Tank ensuring optimum Level Transmitter readings during normal operations.

The Swirl Purge™ has performed very effectively in multiple applications, including Black & White Liquors and other process mediums.

Thin Cross Section

The Indu-tech Isolation Valve's thin cross section feature allows the minimum distance requirements for keeping the Level Transmitter close to the process for measuring accuracy.



Lever Handle with a Simple Lock Out

The Isolation Valve is designed with a 90 degree ¼ turn on/off lever actuator.

A ¼ turn of the handle moves the ball from fully open to fully closed in all four quadrants, eliminating the need for bulky ratchet actuators.

The ¼ turn handle can be easily locked out in both the open or closed positions. This lock out feature ensures the Isolation Valve is not inadvertently locked closed during operation.

With no exposed apparatus on the handle, you are guaranteed the ability to open or close the handle on demand, even in situations where the valve has not been activated over many years of use.

Swirl Purge™

A multi-ported Swirl Purge™ System ensures a clean and clog-free passageway for the process directly to the Level Transmitter diaphragm.

Instrument Side Swirl Purge™

The ¼" NPT port instrument side purge performs several functions. The port provides instrument side pressure relief. 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 maintain a diaphragm environment, clean and free of contaminates, thus ensuring consistent and accurate readings at all times..

Visit www.indu-tech.com

for more info and to see our video



If maintenance downtime or reliability is problematic for you, then the Indu-tech Isolation Valve is the solution to your operating needs.

Designed to reduce maintenance, improve calibration, and decrease installation costs, the Isolation Valve will provide many years of operating performance.

INDU-TECH VALVES OPERATE IN THE TOUGHEST APPLICATIONS INCLUDING:

PULP & PAPER • STEAM PLANTS • OIL & GAS • PETROCHEMICAL • CHEMICAL • FOOD & BEVERAGE • PHARMACEUTICAL • WASTE WATER TREATMENT

