

# Pressure + Differential Pressure + Level

## LD400 HART®

### Pressure, Level and Flow Transmitters

The LD400 Series is a complete line of smart transmitters for differential, absolute, gauge, high static differential pressure and flow measurement as well as models for level, remote seal and sanitary applications. LD400 offers the best solution for all field applications demanding the highest performance. It is a robust and highly reliable solution for pressure, level and flow measurement. It has high flexibility in applications due to use of a capacitive cell as pressure sensor, which keeps the digital signal from the pressure reading up to the transmitter output, increasing the device accuracy and stability. All the processing is made by the HT3012, a powerful mathematical co-processor and a 16-bit CPU that ensures a fast response time and high performance for the transmitter. The LD400 is SIL 2 and SIL 3 certified by TUV in compliance with the IEC 61508-2000 for using in Safety Instrumented Systems (SIS). LD400 is the best choice to increase productivity and ensure process reliability and safety.

- $\pm 0.045\%$  accuracy;
- 200:1 rangeability;
- 35 ms total response time;
- Non-polarity power supply input;
- HART® Protocol;
- Suitable for installations requiring SIL2 and SIL3.

Note:

\* These features can also be found in LD400 HART® SIS.

