

# SPX-T Series Model 3291

## Button Seal Flange-Mount Pressure Transmitter with Temperature Compensation



### Features

- Large diaphragm and mounting flange for easier installation
- Reduce temperature drift by ~80% over non-compensated units
- Accuracy to  $\pm 0.25\%$  FS
- Temperature output available (RTD or 4-20mA)
- HART™ digital communications
- 0-500 to 0-10,000psi range options
- Rugged welded electronics housing

### Description

The SPX-T is a smart 4-20mA pressure transmitter that includes Temperature Compensation and DynaLarity™, a Dynisco innovation. The SPX-T delivers the best spec performance in the line. Temperature Compensation is based on an RTD measurement that compensates for temperature variations which reduces temperature-related drift and increases accuracy. No need to re-zero for temperature changes after installation. DynaLarity uses an advanced algorithm that will linearize offsets due to process effects on the sensor. Combined Temperature Compensation and DynaLarity reduces temperature-related drift by as much as 80% and improves accuracy by more than 60% over other sensors. Process temperature output is available. HART communication is standard. The SPX3291 is an all-welded construction that features a large diaphragm and mounting flange for easier installations. Many other flange-mount configurations are available.



