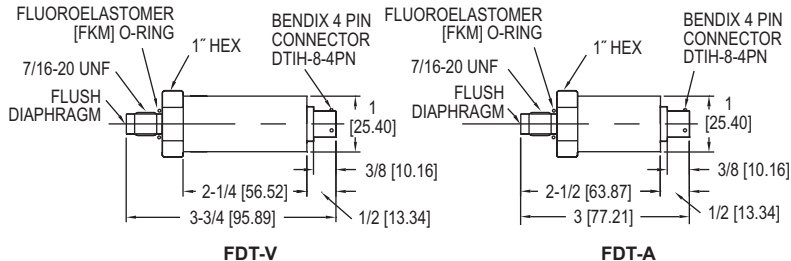


SERIES FDT

FLUSH DIAPHRAGM TRANSMITTER

Non-Liquid Filled, $\pm 0.5\%$ FS Accuracy, SS Wetted Parts



The **Series FDT Flush Diaphragm Transmitter** is designed for highly cyclical conditions. Flush sensor feature prevents any potential inaccuracies due to build-up or blockage which is a typical problem found in most non-flush transmitter sensors.

FEATURES/BENEFITS

- Performs well in high cyclical environments with the presence of water-hammering or spiking for long service life

APPLICATIONS

- OEM
- Hydraulic systems
- Process systems

MODEL CHART					
Example	FDT	-A	-01	-NPT	FDT-A-01-NPT
Series	FDT				Flush diaphragm transmitter
Output		A V			4 to 20 mA 0 to 5 VDC
Range			01 02 03 04 06 11 12 15		100 psi 150 psi 200 psi 300 psi 500 psi 1000 psi 2000 psi 5000 psi
Options				-NPT -C08	1/4" male NPT 0.25% FS accuracy
Note: Contact factory for additional range availability.					

SPECIFICATIONS

Service: Compatible liquids and gases, adhesives, slurries, materials that can harden, or where a pressure cavity is not desired.

Wetted Materials: 316 & 15-5 SST.

Accuracy: $\pm 0.5\%$ FS (includes non-linearity, hysteresis, and repeatability).

Stability: $\pm 0.25\%$ FS per year.

Temperature Limits: -40 to 200°F (-40 to 93°C).

Compensated Temperature Limits: 0 to 170°F (-18 to 77°C).

Pressure Limit: 150% FS; Burst: 200% FS.

Thermal Effect: $\pm 1.5\%$ FSO over compensated range.

Power Requirements: 8 to 38 VDC.

Output Signal: FDT-A: 4 to 20 mA DC; FDT-V: 0 to 5 VDC.

Response Time: <1 ms.

Loop Resistance: FDT-A: 0 to 1.5 Ω ; FDT-V: 100 Ω .

Electrical Connections: 4-pin.

Process Connection: 7/16-20 UNF male flush diaphragm. Optional 1/4" male NPT.

Enclosure Rating: NEMA 4X (IP66).

Mounting Orientation: Mount in any position.

Weight: 2 oz (57 g).

Agency Approvals: CE.

ACCESSORIES

Model	Description
A-168	Mating connector for 4 pin M-12

OPTIONS

Use order code:	Description
NISTCAL-PT1	NIST traceable calibration certificate