



## Flush Diaphragm Transmitter

Non-liquid Filled,  $\pm 0.5\%$  F.S.O. Accuracy, SS Wetted Parts

## Models Select Chart

<b>EXAMPLE</b>	FDT	A	01	NPT	Series FDT-A-01-NPT Flush Diaphragm Transmitter, 4-20 mA output, range 100 psi, with 1/4" NPT.
<b>SERIES</b>	FDT				Flush Diaphragm Transmitter
<b>OUTPUT</b>		A V			4-20 mA 0-5 VDC
<b>RANGE</b>			01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20		100 psi 150 psi 200 psi 300 psi 400 psi 500 psi 600 psi 700 psi 800 psi 900 psi 1,000 psi 2,000 psi 3,000 psi 4,000 psi 5,000 psi 6,000 psi 7,000 psi 8,000 psi 9,000 psi 10,000 psi
<b>OPTIONS</b>				NPT C08	1/4" NPT 0.25% Accuracy

## Accessories

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

**Specifications:-**

<b>Service</b>	:	Compatible liquids and gases, adhesives, slurries, materials that can harden, or where a pressure cavity is not desired.
<b>Wetted Materials</b>	:	316 & 15-5 SST.
<b>Accuracy</b>	:	±0.5% FS (includes non-linearity, hysteresis, and repeatability).
<b>Stability</b>	:	±0.25% FS per year.
<b>Temperature Limits</b>	:	-40 to 200°F (-40 to 93°C).
<b>Compensated Temperature Limits</b>	:	0 to 170°F (-18 to 77°C).
<b>Pressure Limit</b>	:	150% FS; Burst: 200% FS.
<b>Thermal Effect</b>	:	±1.5% FSO over compensated range.
<b>Power Requirements</b>	:	8-38 VDC.
<b>Output Signal</b>	:	FDT-A: 4-20 mADC; FDT-V: 0-5 VDC.
<b>Response Time</b>	:	<1 mS.
<b>Loop Resistance</b>	:	FDT-A: 0-1.5 ohms; FDT-V: ≤100 ohms.
<b>Electrical Connections</b>	:	4 pin.
<b>Process Connection</b>	:	7/16-20 UNF male flush diaphragm. Optional 1/4" male NPT.
<b>Enclosure Rating</b>	:	NEMA 4X (IP66).
<b>Mounting Orientation</b>	:	Mount in any position.
<b>Weight</b>	:	2 oz (57 g).
<b>Agency Approval</b>	:	CE.