Series DFT Flow Transmitters use a segmented wedge differential producer to measure flow rates as related to pressure to monitor process fluids. The segmented wedge provides a simple and reliable restriction for sensing flow as related to pressure differential. The sensor can be mounted in any position and allows the designer to install it in any orientation: horizontal, vertical or inverted. The sensor is offered with three flow measuring ranges: 0.5-5, 1-10 and 1-15 GPM and three electrical output signals: 4-20 mA, 1-5 VDC and 1-10 VDC. The sensor offers low-cost precision with a measuring accuracy of ±2% of full-scale range and repeatability of ±0.5%.

### specifications

**Service:** Compatible liquids.
**Wetted Materials:** End ports: PVC; Wedge element: PVC; Pressure sensor: polyethermide.
**Flow Measuring Ranges:** 0.5-5, 1-10, 1-15 GPM.
**Accuracy:** ±2% of full-scale.
**Repeatability:** ±0.5% of full-scale.
**Response Time:** Indication of no less than 90% of any step change within <500ms.
**Power Requirements:** 12-35 VDC.
**Output Signal:** 4-20 mA, 0-5 VDC or 0-10 VDC.
**Maximum Current Consumption:** 25 mA.
**Minimum Load Resistance:** 1000 Ω.
**Maximum Transmission Distance:** 200 ft.
**Resolution:** Infinite.
**Temperature Limits:** 170°F (76°C).
**Pressure Limits:** 125 psig (8.6 bar).
**Enclosure Rating:** NEMA 4 (IP65).
**Maximum Particulate Size:** 200 microns.
**Weight:** 1 lb (0.45 kg).