The Model TDF Thermal Dispersion Flow Transmitter has continuous frequency output. It fits applications with pipe sizes from 1/2” to 2” (12.7 to 50 mm) and features 316L stainless steel housing for use in harsh environments.

**FEATURES/BENEFITS**
- Flow measurement in low flow applications
- Continuous frequency signal from measured flow velocity
- Low pressure drop
- No moving parts

**APPLICATIONS**
- Chiller systems
- Boiler systems
- Liquid transfer systems

**SPECIFICATIONS**
- **Service:** Compatible water-based fluids.
- **Wetted Materials:** 316L SS.
- **Range:** 1-3 ft/s (0.05-0.7 m/s).
- **Repeatability:** ±10% at 68°F (20°C).
- **Temperature Limits:** Ambient: -4 to 158°F (-20 to 70°C); Process: 14 to 140°F (-10 to 60°C); Storage: -40 to 158°F (-40 to 70°C).
- **Pressure Limit:** 362 psi (25 bar).
- **Response Time:** 1 to 10 s.
- **Power Requirements:** 24 VDC.
- **Current Consumption:** <50 mA.
- **Electrical Rating:** 80 mA.
- **Output Frequency:** 5 to 74 Hz.
- **Electrical Connections:** 1 x M12.
- **Process Connection:** 1/2” NPT.
- **Enclosure Rating:** IP67.
- **Housing Material:** 316L SS.
- **Mounting Orientations:** Horizontal or vertical.
- **Weight:** 0.274 lb (124.5 g).

**ACCESSORIES**
- **Model**
- **Description**
  - A-TDFT-CBL-15 15’ (5 m) M12 cable