Flow Transmitters, Turbine

Series TFP-GV Gas Turbine Flow Meters are suitable for a wide variety of industrial, commercial, and laboratory flow applications. These meters utilize a turbine wheel and electro-optical detection to convert flow rates into a linear 0 to 5 VDC output signal for recording and data logging. Couple this unit with a Series FIV Flow Totalizer for a remote recording and data logging. A 3-1/2 digit LCD informs the user of the actual flow rate. A power adapter or mating cable assembly is required for operation.

Series TFP-GI Gas Turbine Flow Meters are suitable for a wide variety of industrial, commercial, and laboratory flow applications. These meters utilize a turbine wheel and electro-optical detection to convert flow rates into a linear 0 to 5 VDC output signal for recording and data logging. A 3-1/2 digit LCD informs the user of the actual flow rate. A power adapter or mating cable assembly is required for operation.

**Specifications**
- **Service:** Clean dry gases compatible with wetted materials.
- **Wetted Materials:** PPS, acetal, sapphire, glass, epoxy, and fluoroelastomer.
- **Accuracy:** ±3% of full-scale.
- **Linearity:** ±3% of full-scale.
- **Temperature Limits:** 41 to 131°F (5 to 55°C); Storage: 32 to 158°F (0 to 70°C); Sensitivity: ±0.2% of full-scale per °C.
- **Pressure Limits:** 40 psig (2.8 bar).
- **Electrical Connections:** Four-pin power and signal connector. A power adapter or mating cable required for operation. See Accessories Table.
- **Agency Approvals:** CE.

**Accessories**
- **Model**
  - A-454 115 VAC Power Adapter and Signal Cable
  - A-455 230 VAC Power Adapter and Signal Cable
  - A-456 36" Mating Cable with Spliced Leads
- **Price**
  - A-454 $350.00
  - A-455 $340.00
  - A-456 $36.00

Legend:
- ACETAL Fittings
- Black Trim LCD Display
- Compression fitting, see model table.
- Display: LCD, 0.39" (10 mm) digits (only in LPM).
- Electrical Connections: Four-pin power and signal connector. A power adapter or mating cable required for operation. See Accessories Table.
- Enclosure Rating: IP10 (NEMA 1).
- Power Consumption: 35 mA @ 12 VDC.
- Process Connection: Compression fitting, see model table.
- Power Requirements: 11.5 to 15 VDC.
- Pressure: 0.16 lb (75 g).
- Weight: 0.16 lb (75 g).
- Wetted Materials: PPS, acetal, sapphire, glass, epoxy, and fluoroelastomer.
- Accuracy: ±3% of full-scale.
- Linearity: ±3% of full-scale.
- Temperature Limits: 41 to 131°F (5 to 55°C); Storage: 32 to 158°F (0 to 70°C); Sensitivity: ±0.2% of full-scale per °C.
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