



Liquid Turbine Flow Meter
316SS Body, 0 to 5 VDC and Pulse Outputs

Models Select Chart

Model	Description
TFP-GV03	Gas turbine flow meter, range .042 to .21 SCFH (0.02 to 0.1 LPM), 1/8" OD connection.
TFP-GV04	Gas turbine flow meter, range .085 to .42 SCFH (0.04 to 0.2 LPM), 1/8" OD connection.
TFP-GV05	Gas turbine flow meter, range .21 to 1.1 SCFH (0.1 to 0.5 LPM), 1/8" OD connection.
TFP-GV06	Gas turbine flow meter, range .42 to 2.1 SCFH (0.2 to 1 LPM), 1/8" OD connection.
TFP-GV07	Gas turbine flow meter, range .85 to 4.2 SCFH (0.4 to 2 LPM), 1/4" OD connection.
TFP-GV08	Gas turbine flow meter, range 2.1 to 11 SCFH (1 to 5 LPM), 1/4" OD connection.
TFP-GV09	Gas turbine flow meter, range 4.2 to 21 SCFH (2 to 10 LPM), 1/4" OD connection.
TFP-GV10	Gas turbine flow meter, range 8.5 to 42 SCFH (4 to 20 LPM), 3/8" OD connection.
TFP-GV11	Gas turbine flow meter, range 21 to 110 SCFH (10 to 50 LPM), 3/8" OD connection.
TFP-GV12	Gas turbine flow meter, range 42 to 210 SCFH (20 to 100 LPM), 1/2" OD connection.
TFP-GV13	Gas turbine flow meter, range 85 to 420 SCFH (40 to 200 LPM), 1/2" OD connection.

Specifications:-

Service	:	Clean dry gases compatible with wetted materials.
Wetted Materials	:	PPS, acetal, sapphire, glass, epoxy, and fluoroelastomer.
Accuracy	:	±3% of FS.
Linearity	:	±3% of FS.
Repeatability	:	±0.5% of FS.
Temperature Limits	:	41 to 131°F (5 to 55°C); Storage: 32 to 158°F (0 to 70°C); Sensitivity: ±0.2% of FS per °C.
Pressure Limits	:	40 psig (2.8 bar).

Process Connection	:	Compression fitting, see model table on Catalog page.
Power Requirements	:	11.5 to 15 VDC.
Power Consumption	:	35 mA @ 12 VDC.
Output Signal	:	0 to 5 VDC; minimum 2.5 kΩ load.
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).
Weight	:	0.16 lb (75 g).
Agency Approvals	:	CE.