

GX Gas Flow Turbines

Stainless Steel Turbine flowmeters



The Gx range of turbine flowmeters are suitable for the measurement of dry gasses (inert and flammable) and are designed to operate at line pressures down to 15 mbar.

They comprise of one cartridge assembly, fitted inside a stainless steel body (locked with an internal circlip), which has a magnetic pickup fitted and come in a range of threaded, flanged or wafer (designed to mount between flanges) styles.

Technical data

Linear Accuracy	<±2% over 10:1 range
Repeatability	<±0.2% of reading
Response Time	<50 milliseconds for 50% step change in flowrate
Max Pressure	Limited by end fittings (Ask for specials)
Temperature	-30°C min 120°C max (standard coil) High Temperature Options
Transmission Distance	500 metres max dependant on environment.
Mounting Attitude	Horizontal or vertical (flow upwards) or inclined

Sizing table

Type number	Flow range (m ³ /hr)	Standard end fittings		
		BSP screwed	ANSI or PN/BS flange	Tri-clamp RJT Tri-Clover
GX 1	0.3 - 4.2	3/8"	-	-
GX 2	0.5 - 7	1/2"	-	-
GX 3	1 - 14	5/8"	-	-
GX 4	2.5 - 35	3/4"	3/4"	3/4"
GX 5	5 - 70	1"	1"	1"
GX 6	10 - 140	1 1/2"	1 1/2"	1 1/2"
GX 7	18 - 250	2"	2"	2"
GX 8	35 - 490	-	3"	3"
GX 9	70 - 980	-	4"	-
GX10	140 - 1960	-	6"	-

Bearings - Tungsten Carbide

Coil Output - 10mV Sinewave Pulse (Amplified Pulse - 5V DC Square Wave)

Analogue Alternative - 4-20 mA output (2 & 4 wire versions)