

THERMAL GAS MASS FLOW METER



GITM

Description

The thermal mass flow meter is designed on the basis of thermal dispersion, and adopts method of constant differential temperature to measuring gas flow. It has advantages of small size, easy installation, high reliability and high accuracy.

Applications

- Compressed air/ gas
- Combustion air flow
- Natural gas
- Greenhouse gas emissions

Features

- Measuring the mass flow or volume flow of gas
- Do not need to do temperature and pressure compensation in principle with accurate measurement and easy operation
- The meter also can be used for gas leak detection
- Good vibration resistance and long service life
- No moving parts and pressure sensor in transducer, no vibration influence on the measurement accuracy
- Easy installation and maintenance
- Digital design, high accuracy and stability
- Configuring with RS485 or HART interface to realize factory automation and integration

Mode Selection

Model	Suffix Code							Description
GITM-	①	②	③	④	⑤	⑥	⑦	Thermal Mass Flow Meter
Structure	S							Compact Type
	L							Remote Type
Diameter	Round Pipe	15						DN15
		20						DN20
		25						DN25
	Square Pipe	2000						DN2000
		25*25						25*25
		50*50						50*50
		100*100						100*100
	2000*2000						2000*2000	
Body Material		S4						SS304 Material
		S6						SS316 Material
Temperature			T1					-40...+100℃
			T2					-40...+150℃
			T3					-40...+200℃
Communication					1			RS485
					2			HART
Power Supply						1		24V DC
						2		220V AC
Connection						F		Flange Type: DIN; JIS; ANSI
						I		Insertion Type
						T		Thread Type
Explosion Proof						BT		ExdIIBT4
						NA		None



Insertion Type