



**Product features**

- wide measurement range, lower limit flow rate lower than 0.5m/s, low pressure loss, impeller resistance Strong impact capacity;
- with high anti - electromagnetic interference and anti - vibration ability, using full seal isolation protection Self
- lubricating bearing with inner oil pot, reliable performance and long service life;
- the use of advanced ultra-low power single chip microcomputer technology, the machine function is strong, power consumption Low, superior performance, with nonlinear precision compensation function of intelligent flow Indicator. The accuracy of the modified formula is better than  $\pm 0.02\%$ .
- the instrument coefficient can be set online by pressing the button and displayed on the LCD screen. The LCD Screen intuitive and clear, high reliability;
- pressure compensation can be carried out under the condition that the measured gas pressure is stable.

**Technical parameters**

measurement accuracy: 1.5

Ambient temperature:  $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$

relative humidity:  $5\% \sim 95\%$

Dielectric temperature:  $-20^{\circ}\text{C} \sim 80^{\circ}\text{C}$

atmospheric pressure:  $86\text{Kpa} \sim 106\text{Kpa}$

Cardiac explosion-proof level: the ib II BT4

**Nominal table**

Nominal diameter DN mm	Flow range $\text{m}^3/\text{h}$	work stress MPa	installation	Long mm	high mm
40	4.5-90	1.6	flange	200	250
50	7-140	2.5	flange	200	300
80	18-360	4.0	flange	240	350
100	28-560	6.3	flange	300	350
150	65-1300	10	flange	450	400
200	110-2200	16	flange	600	450
250	180-3600	26	flange	600	450
300	250-5000	42	flange	450	500
350	350-7000	< 6.3 MPa	flange	450	500
400	450-9000	< 6.3 MPa	flange	500	550
450	570-11400	< 6.3 MPa	flange	500	600
500	700-14000	< 6.3 MPa	flange	600	600
		< 6.3 MPa	flange	600	700

## Selection table

F M 1 5 0 -	-	0 1 6	T P	A	instructions
F M 1 5 0					F M 1 5 0 Gas turbine flowmeter
	-				( See parameter table )
	5 0				D N 5 0
		0 1 6			1 . 6 M P a
		0 2 5			2 . 5 M P a
		0 4 0			4 . 0 M P a
		0 6 3			6 . 3 M P a
		1 0 0			1 0 M P a
		1 6 0			1 6 M P a
		2 6 0			2 6 M P a
		4 2 0			4 2 M P a
			T P		Temperature and pressure compensation
				A	output 4 - 2 0 m A / pulse / R S 4 8 5