渦流式流量計

VTGB

Vortex flowmeter
(Flange connection type)

Vortex flowmeter
(Flange card type)

Vortex flowmeter
(Sanitary-clamp type)

Vortex flowmeter
(tempersture-pressure compensaton type)

Vortex flowmeter
(inserted type)

VTGB-type 2 vortex flow sensor measuring the flow of liquid of steam，gas and low viscosity according to Carmen and Strouhal relevant spiral produce and on the theory of the flow relationship. As shown in picture, In the meter body viscosity insert a triangular prism root namely the happening of the body, when eddies of medium flow through the table body, in triangular prism behind the alternate produce in opposite idrections regular karman swirl, its spiral separation and the flow of the medium frequency F speed by sensing head is proportional to the V detected the number of spiral, can measure the flow velocity, again according tp the table body mouth。

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■流量範圍

Size(mm)	Water	Normal pressure and temperature air(NPT Air)
	standard measuring range(m³/h)	standard measuring range(m³/h)
25	1.3~13	8~60 (120)
32	1.5~15	14~100 (200)
40	3~30	18~180 (300)
50	4~40	30~300 (500)
65	6~60	50~500 (800)
80	13~130	70~700 (1200)
100	20~200	100~1000 (2000)
125	36~360	150~1500 (3000)
150	50~500	200~2000 (4000)
200	100~1000	400~4000 (8000)
250	150~1500	600~6000 (12000)
300	200~2000	1000~10000 (16000)

*( ) 代表可擴展的偵測範圍

■型號選用

VTGB-2 –□□ □□ – □ – □

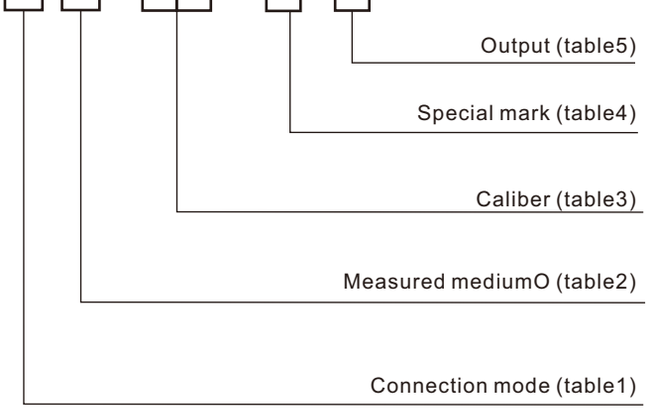

Table 1: Connection mode

Connection mode	Flange connection type	Flange card installed type	inserted type	others
Mark No	1	2	3	4

Table 2: Measured medium

Measured medium	Liquid	common gas	saturated stream	superheated steam	others
Mark No	1	2	3	4	5

Table 3: Caliber

Flange connection type，Flange card installed type

Caliber	15	20	25	32	40	50	65	80	100	125	150	200	250	300
Mark No	150	200	250	320	400	500	650	800	101	125	151	201	251	301

Insreted type

Caliber	100	125	150	200	250	300	350	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000
Mark no	10	125	151	201	251	301	351	401	501	601	701	801	901	102	122	142	162	182	202

Table 4: special mark

Format	Common	standard signal output	Intrinsically safe explosion-proof	Scene shows	high temperature	temperature compensation	pressure compensation	Temperature-pressure compensation
Mark No	Mo mark	M	B	X	G	W	Y	Z

Table 5: Output

Output mode	4-20mA Pulse	RS485 Pulse	HART Pulse	others
Mark No	1	2	3	4