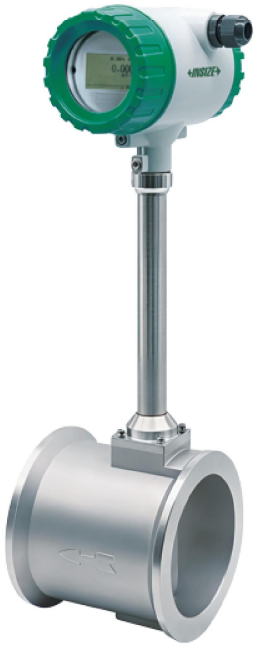
WAFER TYPE VORTEX FLOWMETERS
CODE 0913-□□□□□□□□□□

CUSTOMIZABLE

- Suitable for flow measurement of various media including gases, liquids and steam in compact space piping conditions
- Measures and displays total flow, instantaneous flow, and percentage of full scale
- Low pressure loss, structurally stable, and easy to install and maintain
- Outputs a pulse frequency signal with strong interference resistance
- Stable performance and long service life



0913-A5B3C1D3E1F1G1H1J1K1

Code explanation:

0913-A□B□C□D□E□F□G□H□J□K□

- A: nominal diameter
- B: nominal pressure
- C: flow range
- D: process medium
- E: communication
- F: medium temperature
- G: housing material
- H: structure
- J: compensation
- K: power supply

Code example:

0913-A5B3C1D3E1F1G1H1J1K1	**A5-**nominal diameter: DN50
	B3-nominal pressure: DIN PN16
	C1-flow range: standard range
	D3-process medium: general gas
	E1-communication: RS485
	F1-medium temperature: -40°C~250°C
	G1-housing material: SUS304
	H1-structure: integrated
	J1-compensation: without
	K1-power supply: DC24V

SPECIFICATION

Structure	integrated	separated (standard cable length 10m, customizable)
Process medium	liquid, gas, steam	
Measuring range ratio	1:10 (standard air condition as reference), 1:15 (liquid)	
Flow range	standard range, extended range (optional)	
Velocity	liquid: 0.4m/s~7.0m/s, gas: 4.0m/s~60.0m/s, steam: 5.0m/s~70.0m/s	
Accuracy	±1.5%	
Nominal diameter	DN15~DN300	
Connection type	wafer	
Nominal pressure	DIN PN6/PN10/PN16/PN25 ANSI 150#/300# JIS 5K/10K/16K/20K (optional, other pressures are customizable)	
Housing material	SUS304, SUS316 (optional)	
Signal output (volumetric flow)	current: 4mA~20mA (passive output), pulse (passive output)	
Communication	RS485, HART (optional)	
Medium temperature	-40°C~250°C, -40°C~350°C (optional)	
Protection grade	IP65 transmitter+IP65 sensor	
Compensation	without, with temperature and pressure compensation (optional)	
Power supply	DC24V, 3.6V lithium battery, AC110V~240V, 50/60Hz (optional)	
Operation condition	temperature: -20°C~65°C, humidity: 5%RH~85%RH, atmospheric pressure: 86kPa~106kPa	

NOMINAL DIAMETER

A1	DN15
A2	DN20
A3	DN25
A4	DN40
A5	DN50
A6	DN65
A7	DN80
A8	DN100
A9	DN125
A10	DN150
A11	DN200
A12	DN250
A13	DN300

NOMINAL PRESSURE

B1	DIN PN6
B2	DIN PN10
B3	DIN PN16
B4	DIN PN25
B5	ANSI 150#
B6	ANSI 300#
B7	JIS 5K
B8	JIS 10K
B9	JIS 16K
B10	JIS 20K

FLOW RANGE

C1	standard range
C2	extended range

PROCESS MEDIUM

D1	saturated steam
D2	superheated steam
D3	general gas
D4	liquid

COMMUNICATION

E1	RS485
E2	HART

MEDIUM TEMPERATURE

F1	-40°C~250°C
F2	-40°C~350°C

HOUSING MATERIAL

G1	SUS304
G2	SUS316

STRUCTURE

H1	integrated
H2	separated (converter display)
H3	separated (flow totalizer remote display)

COMPENSATION

J1	without
J2	with temperature and pressure compensation

POWER SUPPLY

K1	DC24V
K2	3.6V lithium battery
K3	AC110V~240V, 50/60Hz (flow totalizer remote display)

FLOW RANGE

Nominal diameter	Liquid (Reference medium: normal temperature water)		Gas (Reference medium: Gas at 20°C and 1013.25 hPa)	
	standard range (m^3/h)	extended range (m^3/h)	standard range (m^3/h)	extended range (m^3/h)
DN15	0.8~6	0.5~8	6~40	5~50
DN20	1~8	0.5~12	8~50	6~60
DN25	1.5~12	0.8~16	10~80	8~120
DN40	2.5~30	2~40	25~200	20~300
DN50	3~50	2.5~60	30~300	25~500
DN65	5~80	4~100	50~500	40~800
DN80	8~120	6~160	80~800	60~1200
DN100	12~200	8~250	120~1200	100~2000
DN125	20~300	12~400	160~1600	150~3000
DN150	30~400	18~600	250~2500	200~4000
DN200	50~800	30~1200	400~4000	350~8000
DN250	80~1200	40~1600	600~6000	500~12000
DN300	100~1600	60~2500	1000~10000	600~16000