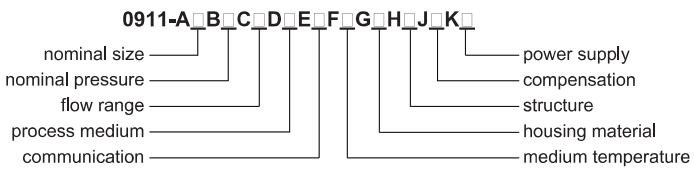
FLANGED VORTEX FLOWMETERS
PART NO. 0911-□□□□□□□□□□

CUSTOMIZABLE

- Suitable for flow measurement of various media including gases, liquids and steam in industrial pipelines
- 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

0911-A5B1C1D3E1F1G1H1J2K1

Part No. explanation:



Part No. example:

0911-A5B1C1D3E1F1G1H1J2K1	**A5-**nominal size: 2"
	B1-nominal pressure: ANSI 150#
	C1-flow range: standard range
	D3-process medium: general gas
	E1-communication: RS485
	F1-medium temperature: -40°F~482°F
	G1-housing material: SUS304
	H1-structure: integrated
	J2-compensation: with temperature and pressure compensation
	K1-power supply: DC24V

STANDARD DELIVERY

Main unit	1 pc
Grounding electrode	1 pc

OPTIONAL ACCESSORY

Matching flanges and fasteners	0911-MF01

SPECIFICATION

Structure	integrated	separated (standard cable length 32.8ft, 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: 1.31ft/s~22.96ft/s, gas: 13.12ft/s~196.85ft/s, steam: 16.40ft/s~229.65ft/s	
Accuracy	±1.5%	
Nominal size	½"~12"	
Connection type	flange	
Nominal pressure	ANSI 150#/300# DIN PN6/PN10/PN16/PN25 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°F~482°F, -40°F~662°F (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: -4°F~149°F, humidity: 5%RH~85%RH, atmospheric pressure: 12.47psi~15.37psi	

NOMINAL SIZE

A1	½"
A2	¾"
A3	1"
A4	1½"
A5	2"
A6	2½"
A7	3"
A8	4"
A9	5"
A10	6"
A11	8"
A12	10"
A13	12"

NOMINAL PRESSURE

B1	ANSI 150#
B2	ANSI 300#
B3	DIN PN6
B4	DIN PN10
B5	DIN PN16
B6	DIN PN25
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°F~482°F
F2	-40°F~662°F

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 size	Liquid (Reference medium: normal temperature water)		Gas (Reference medium: Gas at 68°F and 14.7psi)	
	standard range (GPM)	extended range (GPM)	standard range (CFM)	extended range (CFM)
½" (15 mm)	3.5~26.4	2.2~35.2	3.5~23.5	2.9~29.4
¾" (20 mm)	4.4~35.2	2.2~52.8	4.7~29.4	3.5~35.3
1" (25 mm)	6.6~52.8	3.5~70.4	5.9~47.1	4.7~70.6
1½" (40 mm)	11.0~132.1	8.8~176.1	14.7~117.7	11.8~176.6
2" (50 mm)	13.2~220.1	11.0~264.2	17.7~176.6	14.7~294.3
2½" (65 mm)	22.0~352.2	17.6~440.3	29.4~294.3	23.5~470.9
3" (80 mm)	35.2~528.3	26.4~704.5	47.1~470.9	35.3~706.3
4" (100 mm)	52.8~880.6	35.2~1100.7	70.6~706.3	58.9~1177.2
5" (125 mm)	88.1~1320.9	52.8~1761.1	94.2~941.7	88.3~1765.7
6" (150 mm)	132.1~1761.1	79.3~2641.7	147.1~1471.4	117.7~2354.3
8" (200 mm)	220.1~3522.3	132.1~5283.4	235.4~2354.3	206.0~4708.6
10" (250 mm)	352.2~5283.4	176.1~7044.6	353.1~3531.5	294.3~7062.9
12" (300 mm)	440.3~7044.6	264.2~11007.2	588.6~5885.8	353.1~9417.2