



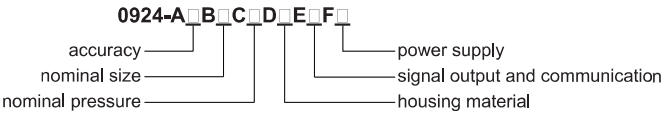
GAS TURBINE FLOWMETERS
PART NO. 0924-□□□□□□

CUSTOMIZABLE

- High accuracy and excellent repeatability, suitable for low-viscosity fluids, solvents, liquefied gases, and high-pressure applications
- Measures and displays total flow, instantaneous flow, and percentage of full scale
- Low pressure drop, compact and lightweight design, easy to install and maintain, and high flow capacity
- Outputs a pulse frequency signal, suitable for totalization, no zero drift and strong resistance to interference
- Features a small-signal cutoff function



Part No. explanation:



0924-A1B6C1D1E1F1

Part No. example:

0924-A1B6C1D1E1F1	A1-accuracy: ±1.5%
	B6-nominal size: 3"
	C1-nominal pressure: ANSI 150#
	D1-housing material: aluminum alloy
	E1-signal output and communication: pluse+4mA~20mA
	F1-power supply: lithium battery+DC24V (two-wire)

SPECIFICATION

Applicable medium	Impurity-free gas at medium to low flow rates
Accuracy	±1.5%, ±1.0% (optional)
Nominal size	1"~16"
Nominal pressure	ANSI 150#/300#, DIN PN10/PN16/PN25/PN40, JIS 10K/16K/20K/40K (optional)
Signal output (volumetric flow)	current: 4mA~20mA (active output), pulse (passive output)
Communication	RS485, HART (optional)
Medium temperature	14°F~176°F
Connection type	flange
Protection grade	IP65 transmitter+IP65 sensor
Housing material	aluminum alloy, SUS304 (optional)
Power supply	DC24V, 3.6V lithium battery
Operation condition	temperature: -4°F~140°F, humidity: 5%RH~95%RH, atmospheric pressure: 12.47psi~15.37psi

ACCURACY

A1	±1.5%
A2	±1.0%

NOMINAL SIZE

B1	1"
B2	1¼"
B3	1½"
B4	2"
B5	2½"
B6	3"
B7	4"
B8	5"
B9	6"
B10	8"
B11	10"
B12	12"
B13	14"
B14	16"

NOMINAL PRESSURE

C1	ANSI 150#
C2	ANSI 300#
C3	DIN PN10
C4	DIN PN16
C5	DIN PN25
C6	DIN PN40
C7	JIS 10K
C8	JIS 16K
C9	JIS 20K
C10	JIS 40K

SIGNAL OUTPUT AND COMMUNICATION

E1	pluse+4mA~20mA
E2	pluse+4mA~20mA+RS485
E3	pluse+4mA~20mA+HART

POWER SUPPLY

F1	lithium battery+DC24V (two-wire)
F2	lithium battery+DC24V (three-wire)

HOUSING MATERIAL

D1	aluminum alloy
D2	SUS304

FLOW RANGE

Nominal size	Range (CFM)	Starting flow (CFM)	Max. pressure loss (psi)	Housing material
1" (25 mm)	2.9~29.4	.6	.15	≤232psi aluminum alloy ≥290psi SUS304
1½" (40 mm)	3.5~35.3	.6	.15	
2" (50 mm)	3.8~38.3	.8	.13	
	4.7~58.9	.9	.12	
	5.9~94.2	1.4	.29	
3" (80 mm)	4.7~94.2	1.4	.15	
	7.7~147.1	1.8	.23	
	11.8~235.4	2.9	.29	
4" (100 mm)	7.7~147.1	1.9	.15	
	11.8~235.4	2.5	.23	
	18.8~382.6	3.9	.26	
5" (125 mm)	18.8~382.6	4.6	.23	
	29.4~588.6	5.9	.29	
	47.1~941.7	7.1	.33	
8" (200 mm)	29.4~588.6	7.7	.23	SUS304
	47.1~941.7	9.4	.29	
	76.5~1471.4	11.8	.32	
10" (250 mm)	47.1~941.7	11.8	.17	
	76.5~1471.4	12.9	.29	
	117.7~2354.3	14.7	.33	
12" (300 mm)	76.5~1471.4	12.9	.23	
	117.7~2354.3	14.7	.29	
	188.3~3825.8	20.6	.33	
16" (400 mm)	176.6~1471.4	14.7	.26	
	294.3~2354.3	20.6	.29	
	353.1~4708.6	23.5	.33	