GAS TURBINE FLOWMETERS
CODE 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



0924-A1B6C1D1E1F1G1

Code explanation:

0924-A□B□C□D□E□F□G□

- A: accuracy
- B: nominal diameter
- C: nominal pressure
- D: housing material
- E: signal output and communication
- F: power supply
- G: matching flanges and fasteners

Code example:

0924-A1B6C1D1E1F1G1	**A1**-accuracy: ±1.5%
	B6-nominal diameter: DN80
	C1-nominal pressure: DIN PN10
	D1-housing material: aluminum alloy
	E1-signal output and communication: pluse+4mA~20mA
	F1-power supply: lithium battery+DC24V (two-wire)
	G1-matching flanges and fasteners: not required

SPECIFICATION

Applicable medium	Impurity-free gas at medium to low flow rates
Accuracy	±1.5%, ±1.0% (optional)
Nominal diameter	DN25~DN400
Nominal pressure	DIN PN10/PN16/PN25/PN40, ANSI 150#/300#, JIS 10K/16K/20K/40K (optional)
Signal output (volumetric flow)	current: 4mA~20mA (2-wire), pulse
Communication	RS485, HART (optional)
Medium temperature	-10°C~80°C
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: -20°C~60°C, humidity: 5%RH~95%RH, atmospheric pressure: 86kPa~106kPa

ACCURACY

A1	±1.5%
A2	±1.0%

NOMINAL DIAMETER

B1	DN25
B2	DN32
B3	DN40
B4	DN50
B5	DN65
B6	DN80
B7	DN100
B8	DN125
B9	DN150
B10	DN200
B11	DN250
B12	DN300
B13	DN350
B14	DN400

NOMINAL PRESSURE

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

HOUSING MATERIAL

D1	aluminum alloy
D2	SUS304

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)

MATCHING FLANGES AND FASTENERS

G1	not required
G2	required

FLOW RANGE

Nominal diameter	Flow range (m^3/h)	Starting flow (m^3/h)	Max. pressure loss (kPa)	Housing material
DN25	5~50	1.0	1.0	≤1.6MPa aluminum alloy ≥2.0MPa SUS304
DN40	6~60	1.0	1.0	
DN50	6.5~65	1.3	0.9	
	8~100	1.6	0.8	
	10~160	2.4	2.0	
DN80	8~160	2.4	1.0	
	13~250	3.0	1.6	
	20~400	5.0	2.0	
DN100	13~250	3.3	1.0	
	20~400	4.2	1.6	
	32~650	6.7	1.8	
DN150	32~650	7.8	1.6	
	50~1000	10	2.0	
	80~1600	12	2.3	
DN200	50~1000	13	1.6	SUS304
	80~1600	16	2.0	
	130~2500	20	2.2	
DN250	80~1600	20	1.2	
	130~2500	22	2.0	
	200~4000	25	2.3	
DN300	130~2500	22	1.6	
	200~4000	25	2.0	
	320~6500	35	2.3	
DN400	300~2500	25	1.8	
	500~4000	35	2.0	
	600~8000	40	2.3	