



FLANGED LIQUID TURBINE FLOWMETERS
PART NO. 0921-□□□□□□□□

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



0921-A1B6C1D6E1F1G1H1

Part No. explanation:



Part No. example:

0921-A1B6C1D6E1F1G1H1	A1-accuracy: ±0.5%
	B6-nominal size: 2"
	C1-flow range: standard range
	D6-transmitter: with display, 24V DC, RS485
	E1-media temperature: -4°F~176°F
	F1-housing material: SUS304
	G1-nominal pressure: ANSI 150#
	H1-structure: integrated

STANDARD DELIVERY

Main unit	1 pc
Grounding electrode	1 pc

OPTIONAL ACCESSORY

Matching flanges and fasteners	0921-MF01
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SPECIFICATION

Structure	integrated	separated (standard cable length 32.8ft, customizable)
Applicable medium	impurity-free, low-viscosity (<5cP), non-corrosive liquids	
Flow range	standard range, extended range (optional)	
Accuracy	±0.5%, ±1.0% (optional)	
Nominal size	1½"~8"	
Housing material	SUS304, SUS316 (optional)	
Signal output (volumetric flow)	current: 4mA~20mA (active output), pulse (passive output)	
Communication	RS485, HART (optional)	
Medium temperature	-4°F~176°F, -4°F~302°F (optional)	
Connection type	flange	
Flange standards	ANSI 150#/300#, DIN PN16/PN25, JIS 20K/30K (optional)	
Protection grade	IP65 transmitter+IP65 sensor	
Power supply	DC24V, 3.6V lithium battery (optional)	
Operation condition	temperature: -4°F~140°F, humidity: 5%RH~95%RH, atmospheric pressure: 12.47psi~15.37psi	

ACCURACY

A1	±0.5%
A2	±1.0%

FLOW RANGE

C1	standard range
C2	extended range

HOUSING MATERIAL

F1	SUS304
F2	SUS316

NOMINAL SIZE

B1	1½"
B2	¾"
B3	1"
B4	1¼"
B5	1½"
B6	2"
B7	2½"
B8	3"
B9	4"
B10	5"
B11	6"
B12	8"

TRANSMITTER

D1	no display, DC24V, pulse
D2	no display, DC24V, 4mA~20mA
D3	with display, 3.6V lithium battery
D4	with display, DC24V, 4mA~20mA
D5	with display, DC24V, HART
D6	with display, DC24V, RS485

NOMINAL PRESSURE

G1	ANSI 150#
G2	ANSI 300#
G3	DIN PN16
G4	DIN PN25
G5	JIS 20K
G6	JIS 30K

MEDIUM TEMPERATURE

E1	-4°F~176°F
E2	-4°F~302°F

STRUCTURE

H1	integrated
H2	separated

FLOW RANGE

Nominal size	Standard range (GPM)	Extended range (GPM)	Connection type	Nominal pressure (psi)
1½" (15 mm)	2.6~26.4	1.8~35.2	flange	362.6
¾" (20 mm)	3.5~35.2	2.0~39.6		
1" (25 mm)	4.4~44.0	2.2~44.0		
1¼" (32 mm)	6.6~66.0	3.5~66.0		
1½" (40 mm)	8.8~88.1	4.4~88.1		
2" (50 mm)	17.6~176.1	8.8~176.1		
2½" (65 mm)	30.8~308.2	17.6~308.2		
3" (80 mm)	44.0~440.3	22.0~440.3		
4" (100 mm)	88.1~880.6	44.0~880.6		232.1
5" (125 mm)	110.1~1100.7	57.2~1100.7		
6" (150 mm)	132.1~1320.9	66.0~1320.9		
8" (200 mm)	352.2~3522.3	176.1~3522.3		