



FLANGED LIQUID TURBINE FLOWMETERS

CODE 0921-□□□□□□□□

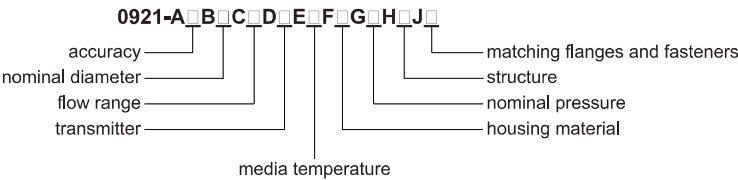
CUSTOMIZABLE

- 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-A1B6C1D6E1F1G1H1J1

Code explanation:



Code example:

0921-A1B6C1D6E1F1G1H1J1	A1-accuracy: ±0.5%
	B6-nominal diameter: DN50
	C1-flow range: standard range
	D6-transmitter: with display, DC24V, RS485
	E1-media temperature: -20°C~80°C
	F1-housing material: SUS304
	G1-nominal pressure: DIN PN16
	H1-structure: integrated
	J1-matching flanges and fasteners: not required

SPECIFICATION

Structure	integrated	separated (standard cable length 10m, customizable)
Applicable medium	impurity-free, low-viscosity (<5×10 ⁻⁶ m ² /s), non-corrosive liquids	
Flow range	standard range, extended range (optional)	
Accuracy	±0.5%, ±1.0% (optional)	
Nominal diameter	DN15~DN200	
Housing material	SUS304, SUS316 (optional)	
Signal output (volumetric flow)	current: 4mA~20mA (2-wire), pulse	
Communication	RS485, HART (optional)	
Medium temperature	-20°C~80°C, -20°C~150°C (optional)	
Connection type	flange	
Flange standards	DIN PN16/PN25, ANSI 150#/300#, JIS 20K/30K (optional)	
Protection grade	IP65 transmitter+IP65 sensor	
Power supply	DC24V, 3.6V lithium battery (optional)	
Operation condition	temperature: -20°C~60°C, humidity: 5%RH~95%RH, atmospheric pressure: 86kPa~106kPa	

STANDARD DELIVERY

Main unit	1 pc
Grounding electrode	1 pc

HOUSING MATERIAL

F1	SUS304
F2	SUS316

ACCURACY

A1	±0.5%
A2	±1.0%

FLOW RANGE

C1	standard range
C2	extended range

NOMINAL PRESSURE

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

NOMINAL DIAMETER

B1	DN15
B2	DN20
B3	DN25
B4	DN32
B5	DN40
B6	DN50
B7	DN65
B8	DN80
B9	DN100
B10	DN125
B11	DN150
B12	DN200

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

STRUCTURE

H1	integrated
H2	separated

MEDIUM TEMPERATURE

E1	-20°C~80°C
E2	-20°C~150°C

MATCHING FLANGES AND FASTENERS

J1	not required
J2	required

FLOW RANGE

Nominal diameter	Standard range (m³/h)	Extended range (m³/h)	Connection type	Nominal pressure (MPa)
DN15	0.6~6	0.4~8	flange	2.5
DN20	0.8~8	0.45~9		
DN25	1~10	0.5~10		
DN32	1.5~15	0.8~15		
DN40	2~20	1~20		
DN50	4~40	2~40		
DN65	7~70	4~70		
DN80	10~100	5~100		
DN100	20~200	10~200		1.6
DN125	25~250	13~250		
DN150	30~300	15~300		
DN200	80~800	40~800		