

# THREADED LIQUID TURBINE FLOWMETERS

CODE 0922-□□□□□□□□

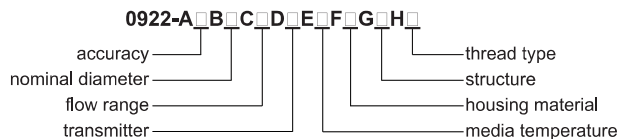
CUSTOMIZABLE

- High accuracy, excellent repeatability, suitable for small and medium-sized pipe diameters, ideal for low-pressure, low-flow 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



0922-A1B6C1D6E1F1G1H2

### Code explanation:



### Code example:

0922-A1B6C1D6E1F1G1H2	A1-accuracy: ±0.5%
	B6-nominal diameter: DN25
	C1-flow range: standard range
	D6-transmitter: with display, DC24V, RS485
	E1-media temperature: -20°C~80°C
	F1-housing material: SUS304
	G1-structure: integrated
	H2-thread type: male thread

## SPECIFICATION

<b>Structure</b>	integrated	separated (standard cable length 10m, customizable)
<b>Applicable medium</b>	impurity-free, low-viscosity (<math> < 5 \times 10^{-6} \text{ m}^2/\text{s}</math>), non-corrosive liquids	
<b>Flow range</b>	standard range, extended range (optional)	
<b>Accuracy</b>	$\pm 0.5\%$ , $\pm 1.0\%$ (optional)	
<b>Nominal diameter</b>	DN4~DN100 (male thread), DN15~DN50 (female thread)	
<b>Housing material</b>	SUS304, SUS316 (optional)	
<b>Signal output (volumetric flow)</b>	current: 4mA~20mA (active output), pulse (passive output)	
<b>Communication</b>	RS485, HART (optional)	
<b>Medium temperature</b>	-20°C~80°C, -20°C~150°C (optional)	
<b>Connection type</b>	thread	
<b>Protection grade</b>	IP65 transmitter+IP65 sensor	
<b>Power supply</b>	DC24V, 3.6V lithium battery (optional)	
<b>Operation condition</b>	temperature: -20°C~60°C, humidity: 5%RH~95%RH, atmospheric pressure: 86kPa~106kPa	

### ACCURACY

<b>A1</b>	$\pm 0.5\%$
<b>A2</b>	$\pm 1.0\%$

### FLOW RANGE

<b>C1</b>	standard range
<b>C2</b>	extended range

### HOUSING MATERIAL

<b>F1</b>	SUS304
<b>F2</b>	SUS316

### NOMINAL DIAMETER

<b>B1</b>	DN4
<b>B2</b>	DN6
<b>B3</b>	DN10
<b>B4</b>	DN15
<b>B5</b>	DN20
<b>B6</b>	DN25
<b>B7</b>	DN32
<b>B8</b>	DN40
<b>B9</b>	DN50
<b>B10</b>	DN65
<b>B11</b>	DN80
<b>B12</b>	DN100

### TRANSMITTER

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

### STRUCTURE

<b>G1</b>	integrated
<b>G2</b>	separated

### THREAD TYPE

<b>H1</b>	female thread
<b>H2</b>	male thread

### MEDIUM TEMPERATURE

<b>E1</b>	-20°C~80°C
<b>E2</b>	-20°C~150°C

### FLOW RANGE

Nominal diameter	Standard range (m <sup>3</sup> /h)	Extended range (m <sup>3</sup> /h)	Connection type	Nominal pressure (MPa)
DN4	0.04~0.25	0.04~0.4	thread	1.6
DN6	0.1~0.6	0.06~0.6		
DN10	0.2~1.2	0.15~1.5		
DN15	0.6~6	0.4~8		
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		