

Model Selection



Model	Suffix Code									Description
BLFT-	1	2	3	4	5	6	7	8	9	Liquid Turbine Flowmeter
Diameter	XXX									Stand for diameter 04: DN4; 06: DN6 100: DN100; 200: DN200
Converter Type		N1								24V DC; Pulse output; No display
		N2								24V DC; Pulse output; No display; Ex(not Europe)
		A								24V DC; 4-20mA output; No display
		E1								Battery power supply; No output; Digital display
		E2								24V DC; 2- wire 4-20mA output; Digital display
		E3								24V DC; Pulse output; Digital display
		E4								24V DC; 0-20mA output; Digital display
		E5								24V DC; 3-wire 4-20mA / Pulse output; Digital display
		M								220V ac; 4-20mA output; Digital display
		FE								FE: Fluidwell E series Display
		FF								FF: Fluidwell F series Display
		Notice:								1) Modbus RS485 is optional for E2, E3, E4, E5 and M type 2) Dual Power(24VDC+ Battery) is optional for E2, E3, E4, E5, M
Accuracy		10								±1.0% of rate
		05								±0.5% of rate
		02								±0.2% of rate
Flow Range			S							Standard Range
			E							Extended Range
Body Material				S4						SS304
				S6						SS316
				PL						Plastic optional (DN15-DN50)
Rotor Material					Cr					2Cr13 -Standard
					CD					CD4MCu
Explosion Proof							E1			Ex ia (ATEX mV Coil)
							NA			No explosion proof
Connection								BS/NP		Male thread; Available from DN4...DN50
								THF		Female thread; Available from DN4...DN50
								WAF		Wafer connection
								FLXX		FL1: DIN PN16 flange; FL3: DIN PN40 ...
								FLXX		FL2: ANSI 150# flange; FL4: ANSI 300# ...
Temperature								FLXX		FLJ10: JIS 10K flange; FLJ20: JIS 20K
								T1		-20...+80°C
								T2		-20...+120°C
								T3		-20...+150°C

Example:

- 123456789

BLFT 50 E5 10 S S4 Cr NA D16 T2
- 1

50: DN50
- 2

E5: 3- wire 4-20mA / Pulse output; 24V DC power supply
- 3

10: 1.0% of rate accuracy
- 4

S: 0.2-1.2m³/h
- 5

S4: SS304 body material
- 6

Cr: 2Cr13 rotor
- 7

NA: Not EX
- 8

FL1: Flange DIN PN16
- 9

T2: -20...120°C

Dimensions

(1) Thread Connection

Diameter (mm)	L (mm)	Thread Criteria
4	270	G ½"
6	270	G ½"
10	390	G ½"
15	75	G 1"
20	80	G 1"
25	100	G 1-¼"
32	140	G 2"
40	140	G 2"
50	150	G 2-1/2"

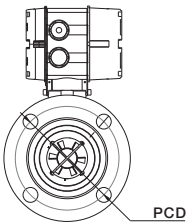
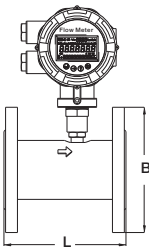


Male Thread Connection

Note: Other thread criteria is available on request. (Female / Male thread is optional for G, NPT, BSP)

(2) Flange Connection

Note: The standard flange is DIN PN16; but ANSI and JIS Flange are available on request.



Diameter		L	B Flange Diameter	PCD Bolt Circle Diameter	Bolt Hole Quantity
(Inch)	(mm)	(mm)	(mm)	(mm)	
1/2"	15	75	95	60	4
3/4"	20	80	105	70	4
1"	25	100	115	79	4
1-1/4"	32	140	140	89	4
1-1/2"	40	140	150	99	4
2"	50	150	165	121	4
2-1/2"	65	170	185	140	4
3"	80	200	200	152	4
4"	100	220	220	191	8
5"	125	250	250	216	8
6"	150	300	285	241	8
8"	200	360	340	298	8

Note: Dimensions above is for DIN PN16 Flange.