

DPI Series

Differential Pressure Flow meter
to Provide Reliable Flow Solution

■ FEATURE

- The indicator lets you read the flow rate inside the piping
- Capable of measuring for a small diameter to a large diameter
- Simple installation and maintenance
- Easy to attach or detach within the piping
- Not restricted in terms of fluid flow direction
- Capable of installing dry contact up to 2 points
- Applicable to high temperature and high pressure

■ APPLICATIONS

- ▶ Chemical and Other Process Industries
- Acids, bases, Phosphates and Other chlorides, Sulfuric acid substances
- Condensate and Cooling water
- ▶ Refinery & Gas Industry
- Nitrogen, Flue gas, etc.
- ▶ Machinery and Equipment (OEM industry)
- Coolant, Coolant, Lubricant, Air supply
- ▶ Water resources

DPI Series General Specifications

Size	10A (3/8") - 500A (20")
Process Connection	Flange type - KS / JIS / ANSI / ASME / DIN Std. Taper Pipe Thread type (PT)
Measured Fluid	Gas and Liquid
Flow Ranges	Water - 0.08 m³/h ~ 2500 m³/h Air - 0.8 Nm³/h ~ 24000 Nm³/h
Range Ability	5 : 1
Accuracy	±2.0 % F.S (Option ±1.0 % F.S)
Fluid Temperature	Max 120 °C
Max. Pressure	Max. 30 kgf/cm².G (Option 200 kgf/cm².G)

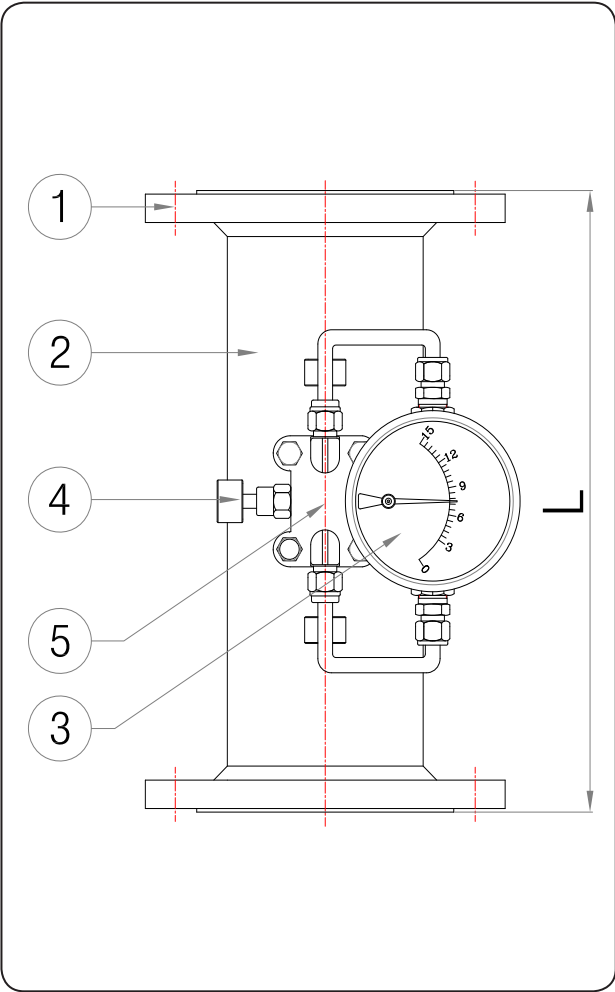
MODEL CODE

D	P	I	-	□	-	□	Specification
				C			Welding Flange
				F			Flange
				T			Screw
					V		3-Way Valve
					C		Connector

STANDARD MATERIAL

No.	Description	Material		
		A	B	C
1	Flange	SS400	304SS	316SS
2	Body			
3	Indicator	ALUMINUM, 304SS		
4	3-Way Valve	304SS		316SS
5	Orifice			

STRUCTURAL DRAWING



■ FLOW RANGE & DIMENSIONS

Connection size		Water (m ³ /h)		Air (Nm ³ /h)		Length (mm)		
		Flow range	Resolution	Flow range	Resolution	DPIT	DPIF	DPIC
10A	3/8 B	0.08 - 0.42	0.02	0.8 - 4	0.1	70	350	60
15A	1/2 B	0.18 - 0.96	0.02	2 - 9.2	0.2	70	350	60
20A	3/4 B	0.45 - 2.4	0.05	5 - 23	0.5	70	350	60
25A	1 B	0.8 - 4.2	0.1	8 - 40	1	70	350	60
32A	1-1/4 B	1.2 - 6.4	0.2	12 - 60	2	70	350	60
40A	1-1/2 B	1.8 - 9.4	0.2	18 - 90	2	74	350	60
50A	2 B	3.5 - 18.5	0.5	35 - 175	5	85	350	60
65A	2-1/2 B	6 - 32	1	60 - 300	10	100	350	70
80A	3 B	8 - 42	1	80 - 400	10	100	350	70
100A	4 B	16 - 80	2	160 - 800	20	-	350	100
125A	5 B	25 - 125	5	250 - 1250	50	-	350	100
150A	6 B	35 - 180	5	350 - 1700	50	-	350	100
200A	8 B	60 - 320	10	600 - 2800	50	-	400	100
250A	10 B	90 - 480	10	900 - 5000	100	-	400	100
300A	12 B	160 - 820	20	1600 - 7800	200	-	400	100
350A	14 B	200 - 1000	20	2000 - 9500	200	-	400	100
400A	16 B	300 - 1500	50	3000 - 14500	500	-	400	100
450A	18 B	400 - 2000	50	4000 - 19000	500	-	400	100
500A	20 B	500 - 2500	50	5000 - 24000	500	-	400	100