



Most suitable to pressure variable steam measurement !

DELTA FLOWPET DX

New Pressure sensor built-in !

**High accuracy
with pressure
compensation**



● **Features**

- Nominal bore size from 15 to 150mm available
- Simple, inexpensive and water-proof
- $\pm 2\%$ accuracy in reading

DELTA FLOWPET DX

Standard specification

Body

Item	Description
JIS10KR Connection	Wafer, JIS 10K RF, ANSI/JPI150
Max. operating temp.	200°C
Max. operating pressure	1.0MPa
Mounting orientation	Orientation where sealant (water) pools in pressure capillary tube (see outline dimension).

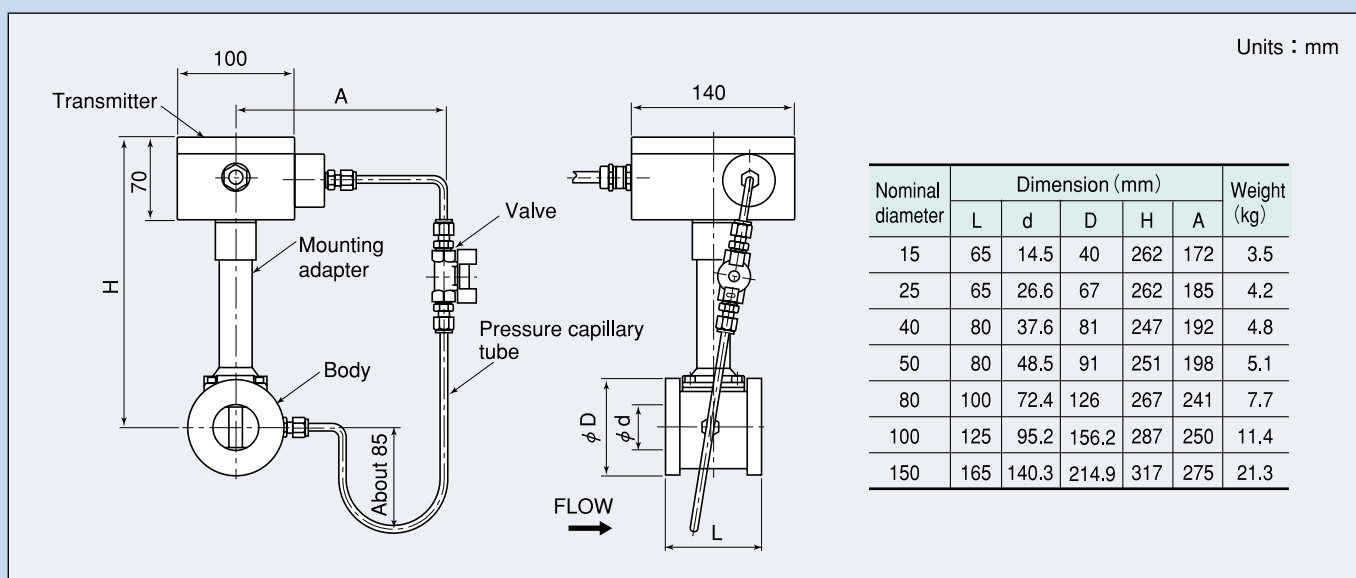
Transmitter

Item	Description
Accuracy	±2% of RD (※1)
Pulse output	Open collector (capacity: 30VDC, 20mA)
Analog output	4 to 20mA at 0 to FS Max. load resistance : 500Ω
Power supply	24VDC±10% Max.50mA
Ambient temp.	-20 to +60°C
Cable	4-conductor shielded cable (OD: 9 to 11mm)
Transmission distance	Max.1km (using a conductor area 1.25mm ² cable)
Water/dust proof	IP65 or equiv.
Finish color	Light gray

※1 : Accuracy above 0.25MPa pressure. ±3% of reading from 0.06 to 0.25MPa, however.

※ : Both analog and pulse output available at the same time.

Outline dimension



Saturated steam flow range (kg/h)

Pressure (MPaG)	15mm	25mm	40mm	50mm	80mm	100mm	150mm
0.1	10.6 to 33.7	19.4 to 113	30.0 to 226	41.0 to 377	90.1 to 841	155 to 1450	337 to 3150
0.2	11.0 to 49.2	20.2 to 165	33.0 to 329	53.9 to 550	119 to 1220	204 to 2120	443 to 4600
0.3	11.4 to 64.4	23.5 to 216	39.4 to 431	64.5 to 720	142 to 1600	243 to 2770	530 to 6030
0.4	11.7 to 79.4	27.0 to 267	45.3 to 532	74.2 to 888	163 to 1980	280 to 3420	609 to 7430
0.5	12.4 to 94.3	30.3 to 317	50.8 to 631	83.2 to 1050	183 to 2350	314 to 4060	683 to 8820
0.6	13.6 to 109	33.4 to 367	56.0 to 730	91.6 to 1210	202 to 2720	346 to 4700	752 to 10200
0.7	14.8 to 123	36.3 to 416	60.9 to 829	99.7 to 1380	219 to 3080	376 to 5330	818 to 11500
0.8	16.0 to 138	39.1 to 465	65.6 to 927	108 to 1540	236 to 3450	405 to 5960	882 to 12900
0.9	17.1 to 153	41.8 to 515	70.2 to 1020	115 to 1710	252 to 3810	433 to 6590	942 to 14300
1.0	18.1 to 167	44.4 to 564	74.6 to 1120	122 to 1870	270 to 4180	460 to 7220	1010 to 15600

The specification as of Feb., 2009 is stated in this catalog. Specifications and design are subject to change without notice.



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