

HHDP Type

Smart Differential Pressure Transmitter

Using differential capacitance as detecting principle to constitute capacitance type differential pressure transmitter, inputting pressure is 0~1.2kPa to 0~10MPa, etc
 Service medium: liquid, gas and vapor.
 Overpressure limit: impose 0 (absolute pressure) ~6MPa pressure on either side of the transmitter. The transmitter is not damaged. The transmitter's operation static pressure is detailed in the models and specifications sheet.



MODEL SELECTION

A	S	Code	Measuring range	Operation pressure(MPa)
Analogue	Smart	HHDP-3300	0-1.2~7.2kPa	2.5
		HHDP-5300	0-1.2~7.2kPa	6.4
		HHDP-5400	0-6~36kPa	6.4
		HHDP-5500	0-30~180kPa	6.4
		HHDP-6400	0-6~36kPa	16
		HHDP-6500	0-30~180kPa	16
		HHDP-9600	0-160~1000kPa	40
		HHDP-9700	0-400~2500kPa	40
		HHDP-8800	0-1600~10000kPa	32

Code	Structure material			
	Flange connector	Exhaust/vent valve	Isolation Diaphragm	Fill Liquid
F12	Cadmium plated CS	316L SS	316L SS	
F13	Cadmium plated CS	Hastelloy C	Hastelloy C	Silicone oil
F14	Cadmium plated CS	Monel	Monel	

F15	Cadmium plated CS	316L SS	Tantalum
F22	316L SS	316L SS	316L SS
F23	316L SS	316L SS	Hastelloy C
F24	316L SS	316L SS	Monel
F25	316L SS	316L SS	Tantalum
F33	Hastelloy C	Hastelloy C	Hastelloy C
F35	Hastelloy C	Hastelloy C	Tantalum
F44	Monel	Monel	Monel

Code	Optional components
M1	Linearity indicator 0-100% scale mark
M2	LCD Display
B1	Bend bracket for pipe mounting (2" pipe)
B2	Bend bracket for plate mounting
B3	Flat bracket for pipe mounting (2" pipe)
D1	Side exhaust/vent valve of flange on top
D2	Side exhaust/vent valve of flange on bottom
E1	Ordinary cable connector
E2	Flame-proof cable connector
G1	Waist type flange
G2	Welding pipe connector
G3	Integral 2-valve manifold
G4	Integral 3-valve manifold
G5	Integral 5-valve manifold
d	Explosion separation type Exd II CT6
i	Intrinsically safe Exib II CT5

S	HHDP-3300	F22	M2B1D1E1G2i	6kPa (factory span)
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Remarks: ① Factory span should be specified at ordering, structure material F22 is standard equipment.

② Process connection and electrical connection to be specified by the customer.