

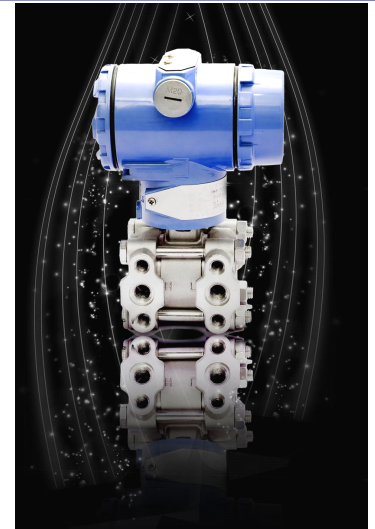
HHDR Type

Smart Low Differential Pressure Transmitter

Using differential capacitance as detecting principle to constitute low differential pressure capacitance type transmitter, inputting 0-0.06~1.5kPa pressure, outputting 4-20 mA DC analogue signal.

Service medium: liquid, gas and vapor.

Overpressure limit: impose 0~6MPa (absolute pressure) pressure on either side of transmitter. Transmitter is not damaged. Flange can withstand 60Mpa of pressure.



MODEL SELECTION

A	S	Code	Measuring range	Working pressure (MPa)
Analogue	Smart	HHDR-1100	0-0.06~0.3kPa	0.4
		HHDR-1200	0-0.25~1.5kPa	0.4
		HHDR-3200	0-0.25~1.5kPa	2.5

Code	Structure material			
	Flange connector	Exhaust/vent valve	Isolation Diaphragm	Fill Liquid
F12	CS Cd-plating	316L SS	316L SS	
F13	CSS Cd-plating	Hastelloy C	Hastelloy C	
F14	CS Cd-plating	Monel	Monel	
F15	CS Cd-plating	316L SS	Tantalum	Silicone oil
F22	316L SS	316L SS	316L SS	
F23	316L SS	316L SS	HC	
F24	316LSS	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	Profile exhaust/vent valve of flange on top	
	D2	Profile exhaust/vent valve of flange on bottom	
	E1	Ordinary 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	HHDR-3200	F22	M2B1D1E1G2i	0.3kPa(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.