HH316 Diffusive Silicon Pressure Transmitter

MAIN TECHNICAL SPESIFICATIONS

- Power : 24VDC output 4-20mA two-wire
  Zero Adjustable Range: +/-5% F·S
  Ratio of Span: above 3:1
- Span Range : -100kPa~0~60MPa
- Load Feature : load 0 ~600Ohm (24VDC power supply)
- Explosion Separation type : d II BT4, intrinsically safe type II CT5
- Overpressure limit : double of upper-limit pressure
- Temperature Range : process : -10 ~ 80C
- Accuracy: +/-0.5%
- Stability : +/-0.2% F·S
- Weight : about 0.35 kg

FEATURES

- Fit for mounting in small space
- Direct process mounting
- High comprehensive accuracy

TECHNICAL TARGETS

Model	A1	B1	
Accuracy	0.1% F·S	0.25% F·S	0.5% F·S
Measuring range	-95kPa~60MPa		
Medium	Liquid, gas and vapor		
Storing temperature	-40C ~125C		
Operation temperature	-10C ~80C	-40C ~80C	
Corrosion-proof material	316 SS	Ceramics	
Effect of temperature	< 0.02%/C	< 0.015%/C	
Loading resistance	< 750Ohm		
Overload ability	Triple span	Double span	
Mechanical protection	IP65		
Humidity	<=95% RH		
Output	Two wire 4~20mA DC	four wire 0~10mA DC	
Related equipment	EXZ231B safety grid		
Weight	1 Kg		

MODEL SELECTION

A	S	Code	Name
Analogue	Smart	HH316	Diffusive silicon pressure transmitter

Code	Design number
A1	Diffusive silicon sensor
B1	Ceramics sensor

Code	Pressure types
A	Absolute pressure
G	Gauge pressure
S	Seal gauge pressure

Code	Local indication
1	No
2	3 1/2 bit LCD
3	3 1/2 bit LED

Code	Measuring range
1	0~35kPa
2	0~100kPa
3	0~200kPa
4	0~350kPa
5	0~700kPa
6	0~2.0MPa
7	0~3.5MPa
8	0~7MPa
9	0~20MPa
0	0~60MPa

Code	Accuracy
A	0.1% F·S
B	0.25% F·S
C	0.5% F·S

Code	Installation interface
1	M20×1.5
2	1/2NPT
3	Flange (Diaphragm)

Code	Explosion-proof ways
N	Ordinary non-explosion proof
I	Intrinsically safe
E	Explosion separation

A		HH316	A1	A	1	1	A	1	N

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