

## HH308 (Smart) Diffusive Silicon Pressure Transmitter

Series pressure transmitters choose import diffusive silicon type and ceramics type pressure sensor with high quality as sensitive components, and employ application-specific integrated module, through fine temperature shift, zero and non-linearity compensation, to realize accurate measurement and transmission of medium pressure change of liquid, gas and vapor, etc.



### FEATURES

- ❖ Hi-quality sensor and exclusive V/I integrated circuit, small peripheral device, high reliability, simple and easy maintenance.
- ❖ Small size, light weight, convenient installation and debugging
- ❖ Overall and sound design, models available: ordinary type corrosion-proof, intrinsically safe, explosion-proof and isolation explosion-proof type
- ❖ Aluminum die casting outer shell, tri-terminal isolation, hi-temperature baking lacquer protective cover, tough and durable
- ❖ 4~20mA DC two-wire system, strong interference-resistant ability, long transmitting distance
- ❖ LED, LCD, pointer, the three kinds of indicating gauge head; convenient local reading
- ❖ can be applied to measure viscous , crystallized and corrosive mediums

### TECHNICAL TARGETS

Model	A1		B1	
Accuracy	0.075%	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	< 750 Ohm			
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	2.5 Kg			

### MODEL SELECTION

A	S	Code	Name
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Analogue	Smart	HH308	Diffusive silicon pressure transmitter						
			Code	Design number					
			A1	Diffusive silicon sensor					
			B1	Ceramics sensor					
			C1	Capacitance sensor					
			Code	Pressure types					
			A	Absolute pressure					
			G	Gauge pressure					
			S	Seal gauge pressure					
			Code	Local indication					
			1	No					
			2	0-100% uniform scale					
			3	3 1/2 bit LCD					
			4	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					
			D	0.075%					
			Code	Installation interface					
			1	M20x1.5					
			2	1/2 NPT					
			3	Customer specify					
			Code	Explosion-proof					
			N	General purpose non-explosion proof					
			I	Intrinsically safe					
			E	Explosion separation					
			S	HH308					
			A1	A					
			A	1					
			1	1					
			A	A					
			1	1					
			N	N					