

SH 308 Series Diffusive Silicon Pressure Transmitter

General Information

SH 308 series Diffusive silicon pressure transmitters choose imported qualified silicon pressure sensor components, and employ dedicated integration module, through fine temperature shift, zero and non-linearity compensation to realize accurate measurement of liquid, gas and steam.



Features

- Employing hi-quality sensor and exclusive V/I integrated circuit, little peripheral device, high reliability, simple and easy maintenance.
- Little volume, slight weight, convenient installation and debugging
- We provide common type, corrosion-proof, intrinsically safe explosion-proof type and isolation explosion-proof type
- Aluminum die casting outer shell, tri-terminal isolation, hi-temperature baking lacquer protective cover, firm and durable
- 4~20mA DC two-wire system, strong interference-resistant ability, long transmitting distance
- Digital display avail
- Can be applied to measure viscous, crystallized and corrosive mediums



Technical Specification

Accuracy	0.5% F.S/0.25 % F.S (Hart Protocol)
Measuring Range	-95Kpa ~ 60Mpa
Power supply	24VDC
Medium	Liquid, gas and steam
Environment Temperature	-30~60℃
Medium Temperature	-30~80℃ (with high Temp. Radiator max 150℃)
Corrosion Proof Material	316 SST
Effect of temperature	< 0.02%/℃
Load Resistance	< 750 ohm
Overload ability	Triple span
Mechanical Protection	IP65
Humidity	≤95% RH
Output	2 wire 4~20mA/ 4 wire 0~10 mA DC
Weight	1 kg

Model Selection

Item	Code	Description
Type	A	4-20mA Output(0.5% accuracy)/2 wire
	S	Hart Protocol (0.25% accuracy)/ 2 wire
	N	4 wire 0~10 mA DC output /4 wire
Product	SH308	Diffusive silicon pressure transmitter
Sensor type	A1	Diffusive silicon sensor
Pressure Type	A	Absolute pressure
	G	Gauge Pressure
Digital Display	1	Without display
	3	Digital Display
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
Process connections	1	M20* 1.5
	2	1/2"NPT
	3	Others(please specify)
Explosion proof	N	Non explosion proof
	I	Intrinsically safe Exib II CT5
	E	Explosion proof Exd II BT5
Others (options)	T	Tri-clamp connection (specify size)
	R	High Temp. Radiator (max bear 150°C)
	D	Diaphragm seals (specify size)