

SP/SH Series Pressure Transmitter



■ DESCRIPTION

SP pressure transmitter,SH level transmitter is developed via international key component and advanced technology.Used to measure the pressure,level etc parameter of process fluid(liquid,gas,steam) continuously,then transfer to 4-20mA standard signal and can be combined with unit instrument or DCS system,PLC,constitute automatic control system,widely used for control and measurement in food,petroleum,chemical, metallurgy,electric power,beer,spinning,medicine etc.various industries.

■ TECHNICAL DATA

Accuracy	0.2%FS,0.5%FS
Stability	Better Than 0.25%FS Annually
Installation Location Influence	No Impact
Temperature Influence	Less $\pm 0.15\%/10^{\circ}\text{C}$
Working Voltage	9~32V DC
Ambient Temperature	-20~85°C
Medium Temperature	-40~120°C
Storage Temperature	-40~110°C
Compensation Temperature	-15~50°C
Wetted Diaphragm	SS316L
Process Connection Element	Stainless Steel
Sealing Element	Fluoro Rubber
Shell	Plastic,Molded Cast Aluminium,Aluminium Alloy
Protection	IP65

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MODEL SELECTION

Item	Code	Specification
SP		Pressure Transmitter
Process Connection Material	1	Stainless Steel
Process Connection	R	G 1/2"
	M	1/2" NPT M
	N	1/4" NPT M
	Y	Customized
Sealing Material	IF	Fluoro Rubber (Standard)
	IH	Fluoro Rubber Applied to Sensors(Over 10MPa)
Output	2	4-20mA (Two Wire)
	3	Customized
Shell Material and Structure	A	Aluminum Shell
	B	Stainless Steel Shell Cylinder Structure
Sensor Type	1	Diffused Silicon Type
	2	Diffusion Silicon Anti-corrosion Type
Explosion-proof Requirements	D	No Explosion-proof
	E	Explosion-proof
Accuracy	2	0.20%
	5	0.50%

DIMENSIONS

