

• SMP131

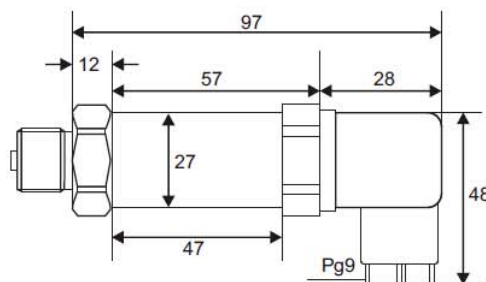
Compact Pressure Transmitter

Description & Features:

- Pressure range : 0~0.1bar and 0~600bar
- Excellent long-term stability
- Small thermal effect
- Super anti-interference capability
- Application: machine tools, process control, environmental technology, pneumatics and others



Dimensions (mm)



Technical Specifications				
Pressure range	Gauge Pressure: 0~0.1bar and 0~600bar			
Overload pressure	1.5×full scale			
Accuracy	0.25%F.S., 0.5%F.S.			
Power voltage	12~30VDC, 24VDC			
Output signals	4~20mA, 0~10mA, 1~5VDC, 0~10VDC, 0~5VDC, customer			
Thermal effect	Compensation Temperature	Media Temperature	Environment Temperature	Storage Temperature
	0~50℃, -10~80℃, customer	-25~85℃	-30~85℃	-40~125℃
Temperature Influence	0.02%F.S./℃			
Electrical Connection	DIN, M12×1(4-pin), customer			
Protection class	IP65, IP67			
Mechanical Connection	G1/2(M), G1/4(M), M20×1.5(M), customer			
Vibration	20g, 20~5000HZ			
Shock	100g, 11ms			
Housing material	SUS304			
Operating life	> 1×10 ⁸ Pressure Cycling			

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SMP	Selection & description	
Types	121	Micro-pressure transmitter
	125	High pressure transmitter
	131	Compact pressure transmitter
	132	Super compact pressure transmitter
	133	General pressure transmitter
	135	High temperature pressure transmitter
	136	Antisepsis pressure transmitter
	531	Refrigeration pressure transmitter
	2088	Standard pressure transmitter
Explosion Proof grade	-S	Standard
	-I	Intrinsic safety
	-D	Flame proof
Mechanical connection material	4	304 stainless steel
	6	316 stainless steel
	Y1	Customer
Mechanical connection	M	M20×1.5(M)
	G	G1/2(M)
	Y2	Customer
Seal	2F	FKM
	4F	Seal weld
	Y3	Customer
Output signal	2	4mA~20mADC two wire
	3	1VDC-5VDC three wire
	Y4	Customer
Display mode	A	None
	C	LCD
	E	LED
	Y5	Customer
Accuracy	2	0.25%
	5	0.5%
Electrical connection	D	DIN
	W	Terminals
	Y6	Customer
Pressure range	(X-Y)	Units:kPa, mH ₂ O
Pressure types	G	Gauge
	A	Absolute
	B	Sealed
Options	H	High stability
Info code	By factory defined	
Specific need	Special explain	
Example	SMP121-S4M2F2A2D(0-10kPa)	

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