

SSM-P208

工业型压力变送器/Industrial type pressure transmitter

- 压力量程/Range : -100kpa~0 & 0~5kpa~700bar
- 高性能扩散硅芯体/High performance diffused silicon core
- 多种输出信号可选/ Multiple output signals optional
- 可选液晶显示/LCD display optional
- 长期稳定性好/Superior long term stability
- 抗干扰能力强/Strong antiinterference ability



技术规格/Technique parameter

产品性能/Product Performance

长期漂移/Long-Term Stability	±0.2%FS/year (不累计/Not cumulative)
精度/Accuracy	±0.25%FS、±0.5%FS(可选/Optional)
温度影响/Temp.Effect	1.5FS/100°C
补偿温度/Comp.Temp.	-20°C~80°C
工作温度/Working Temp.	
非显示/Non-Display	-40°C~85°C
带液晶显示/LCD	-20°C~60°C
零点允差/Zero Error	±1%FS
满程允差/Span Error	±1%FS
响应时间/Response Time	≤30ms
疲劳寿命/Fatigue Life	设计超过1亿次/More than 100 million designs

物理特征/Physical Characteristics

安装接口/Pressure Interface	参见订购指南/See Ordering Guide
接液部件/Contact Parts	SS304、SS316L
电气接口/Electrical Interface	M20×1.5内螺纹; 1/2-14NPT内螺纹 (可配)
外壳材质/Shell Material	铝合金喷涂聚氨酯/Aluminum alloy for polyurethane
外壳防护/Shell Protection	IP67
抗冲击/Shock	EC 68-2-32 procedure I
抗振动/Vibration	40g, 20-2000Hz
重量/Weight	约250克/About 250g

环境数据/Environmental Data

认证/Authentication	CE、RoHS、EX
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特有技术规格/Specific technical specifications

电流输出/Current Output

输出 (2线) /Output (2-wire)	4-20mA (2线) /2-wire
供电电压/Power Supply	10-30Vdc

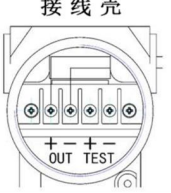
数字输出/Digital Output

输出 (4线) /Output (4-wire)	Modbus-RTU/RS485 (4线) /4-wire
供电电压/Power Supply	12-30Vdc

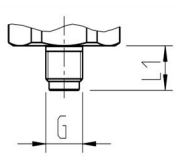
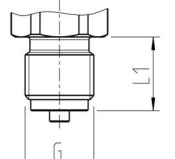
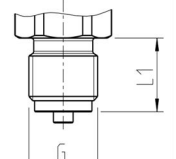
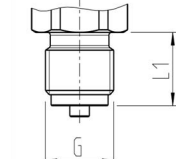
压力特性/Pressure feature

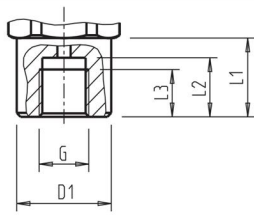
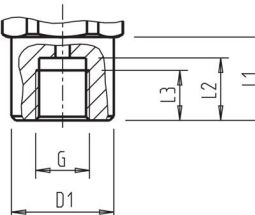
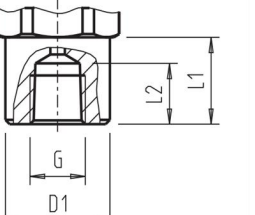
压力范围/Range Kpa / bar	耐压/Proof Pressure (×FS)	破裂压/Burst Pressure (×FS)
	SSM-P208	SSM-P208
真空/Vacuum	3.0×FS	5.0×FS
5~100kpa	2.0×FS	5.0×FS
200kpa~100bar	2.0×FS	3.0×FS
200bar~700bar	1.5×FS	2.0×FS

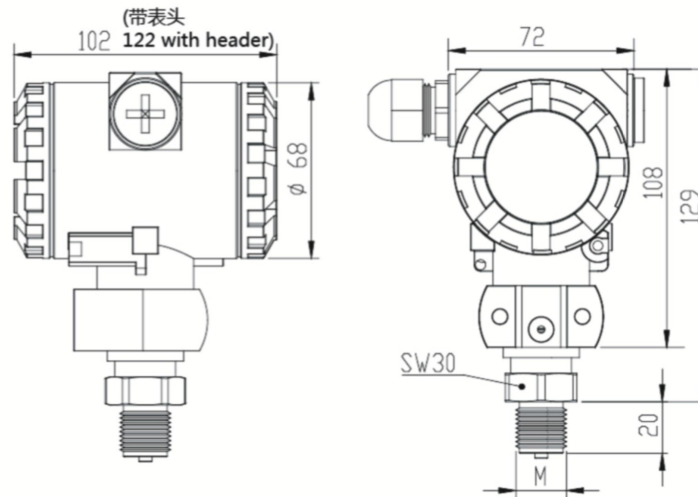
接线方式/Pinconnections

插件示意图 Plugin diagram	插件脚位 Foot position	线缆颜色 Cable color	电流输出 Current output	电压输出 Voltage Output	RS485 Modbus RTU
	OUT+		E+电源/Supply	E+电源/Supply	E+电源/Supply
	OUT-		S+输出/Output		E-电源/Supply
	TEST+			S+输出/Output	RS485 A
	TEST-			E-/S-共负/Com	RS485 B

外型尺寸/External dimensions

单位: mm	平面密封/Plane seal				平面密封/Plane seal				平面密封/Plane seal				平面密封/Plane seal			
																
代码/Code	1GB	L1			2GB	L1	14MB	L1	3GB	L1			4GB	L1	20MB	L1
尺寸/Size	G1/8B	10			G1/4B	13	M14×1.5	14	G3/8B	16			G1/2B	20	M20×1.5	20

单位: mm	内螺纹/Internal thread					内螺纹/Internal thread					内螺纹/Internal thread				
															
代码/Code	1G(F)	L1	L2	L3	D1	2G(F)	L1	L2	L3	D1	2N(F)	L1	L2	D1	
尺寸/Size	G1/8	20	10	8	Φ25	G1/4	20	13	10	Φ25	1/4NPT	20	14	Φ25	



工业型2088压力变送器 (SSM-P208)

型号表示: SSM-P208-①②③④⑤⑥⑦

系列号 Series	①压力类型 Pressure Type	②压力范围 Range	③安装接口 Process connection	④输出信号 Output	⑤散热装置 Radiator	⑥精度 Accuracy	⑦防爆认证 ATEX	参数描述 Parameter description
SSM-P208	A	范围/Range K B M	2G(F) 4N(F) 4GB 2N 4N 20MB XX *	4A 4AX 4HX 5C 5CX	5S 10S 15S	2	EXd	表压/Gauge pressure 绝压/Absolute pressure 压力数值/Pressure value KPa Bar MPa G1/4内螺纹/Internal thread 1/2NPT内螺纹/Internal thread G1/2B 1/4NPT 1/2NPT M20×1.5带凸台 其他规格/Other * 4-20mA两线制/2-wire 4-20mA+LCD显示/With Display 4-20mA+hart显示/With Display Modbus-RTU/RS485 RS485带显示/With Display 125°C, 无散热装置/No radiator 150°C, 5片散热槽/5 radiators 200°C, 10片散热槽/10 radiators 250°C, 15片散热槽/15 radiators ±0.5%FS ±0.25%FS 无防爆/No explosion proof 隔爆型/Flameproof type

注意事项/Attention:

1、带 "*" 号请联系技术人员

With "*", please contact the technician