

SSM-P202

标准型压力变送器/Standard pressure transmitter

- 压力量程/Range : -100kpa~0 & 0~5kpa~700bar
- 多种输出信号可选/ Multiple output signals optional
- 多种电气连接方式/Multiple electrical connections
- 长期稳定性好/Superior long term stability
- 抗干扰能力强/Strong antiinterference ability
- 高性能扩散硅芯体/High performance diffused silicon core



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	-30°C~85°C
数码管显示/LED	-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	≤5ms
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	参见订购指南/See Ordering Guide
外壳防护/Shell Protection	IP65/IP67
抗冲击/Shock	EC 68-2-32 procedure I
抗振动/Vibration	40g, 20-2000Hz
重量/Weight	约50克/About 50g

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

电压输出/Voltage Output

输出 (3线) /Output (3-wire)	最小0V至最大10V/Min 0V to max 10V
供电电压/Power Supply	高于满量程输出4V, 最大30Vdc Over full range output 4V, max 30Vdc

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

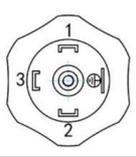
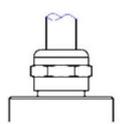
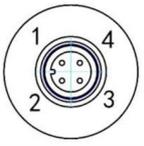
数字输出/Digital Output

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

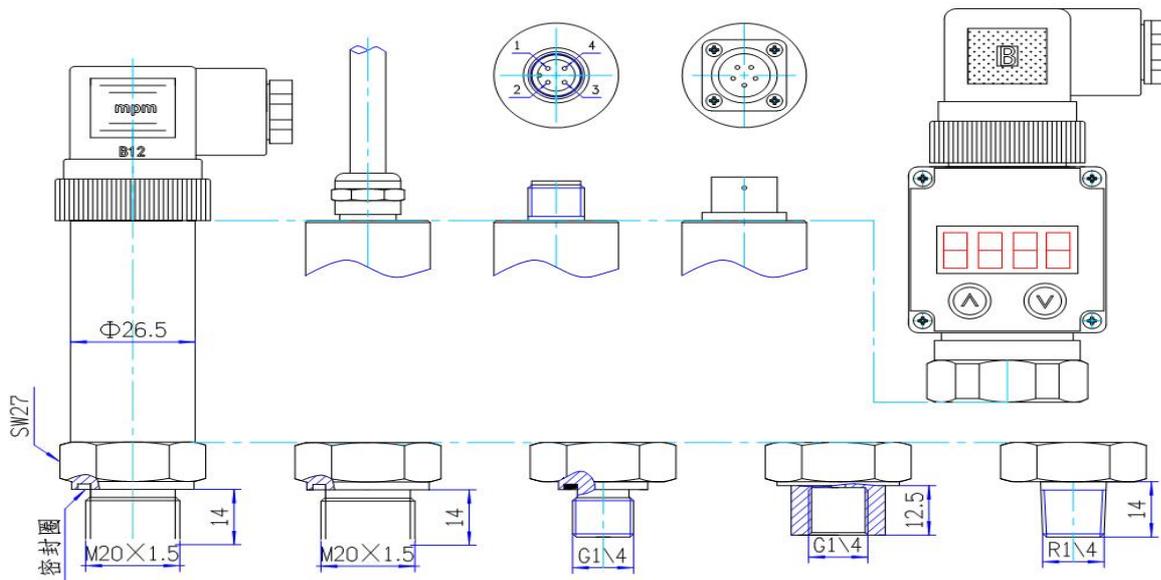
压力特性/Pressure feature

压力范围/Range Kpa / bar	耐压/Proof Pressure (×FS)	破裂压/Burst Pressure (×FS)
	SSM-P202	SSM-P202
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

接线定义/Wiring Definition

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
D I N 	1	红 (Red)	E+电源/Supply	E+电源/Supply	E+电源/Supply
	2	黑 (Black)	S+输出/Output	E-/S-共负/Com	E-电源/Supply
	3	蓝 (Blue)		S+输出/Output	RS485 A
		白 (White)			RS485 B
直接出线 		红 (Red)	E+电源/Supply	E+电源/Supply	E+电源/Supply
		黑 (Black)	S+输出/Output	E-/S-共负/Com	E-电源/Supply
		蓝 (Blue)		S+输出/Output	RS485 A
		白 (White)			RS485 B
M 1 2 * 1 	1	棕 (Brown)	E+电源/Supply	E+电源/Supply	E+电源/Supply
	2	白 (White)			RS485 B
	3	蓝 (Blue)	S+输出/Output	S+输出/Output	RS485 A
	4	黑 (Black)		E-/S-共负/Com	E-电源/Supply

外型尺寸/External dimensions



标准型压力变送器 (SSM-P202)

型号表示: SSM-P202-①②③④⑤⑥⑦

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电气接口 Electrical connection	⑥散热装置 Radiator	⑦精度 Accuracy	参数描述 Parameter description
SSM-P202	A	范围/Range K B M	2G 4G 2N 4N 14M 20M XX *	4A 4AX 10V 5V 5C	2D 4P xE	5S 10S 15S	2	表压/Gauge pressure 绝压/Absolute pressure 压力数值/Pressure value KPa Bar MPa G1/4 G1/2 1/4NPT 1/2NPT M14×1.5 M20×1.5 其他规格/Other * 4-20mA两线制/2-wire 4-20mA+LCD显示/With Display 0-10V三线制/3-wire 0-5V三线制/3-wire Modbus-RTU/RS485 DIN43650赫斯曼/Hirschmann 四芯M12连接器/4pin 直接引线X米/Direct lead x meter 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

注意事项/Attention:

- 带显示只能选配2D选项
4AX/LCD can only be selected with 2D
- 4PIN标配2米电缆线
4PIN Standardized 2m Cable Line
- 直接引线标配1米电缆线
Direct lead with 1 m cable
- 带 "*" 号请联系技术人员
With "*", please contact the technician