

SSM-P202V

经济型压力变送器/Standard pressure transmitter

- 压力量程/Range : 0~5kpa~700bar
- 高性能扩散硅芯体/High performance diffused silicon core
- 精巧外型/Exquisite appearance
- 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.	-30°C~85°C
零点允差/Zero Error	±1%FS
满程允差/Span Error	±1%FS
响应时间/Response Time	≤20ms
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	DIN43650A赫斯曼/Hirschmann
外壳防护/Shell Protection	IP65
抗冲击/Shock	EC 68-2-32 procedure I
抗振动/Vibration	40g, 20-2000Hz
重量/Weight	约40克/About 40g

环境数据/Environmental Data

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

电流输出/Current Output

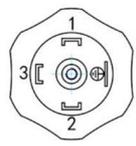
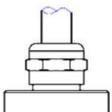
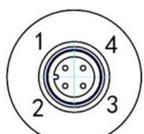
输出 (2线) /Output (2-wire) 4-20mA (2线) /2-wire

供电电压/Power Supply 10-30Vdc

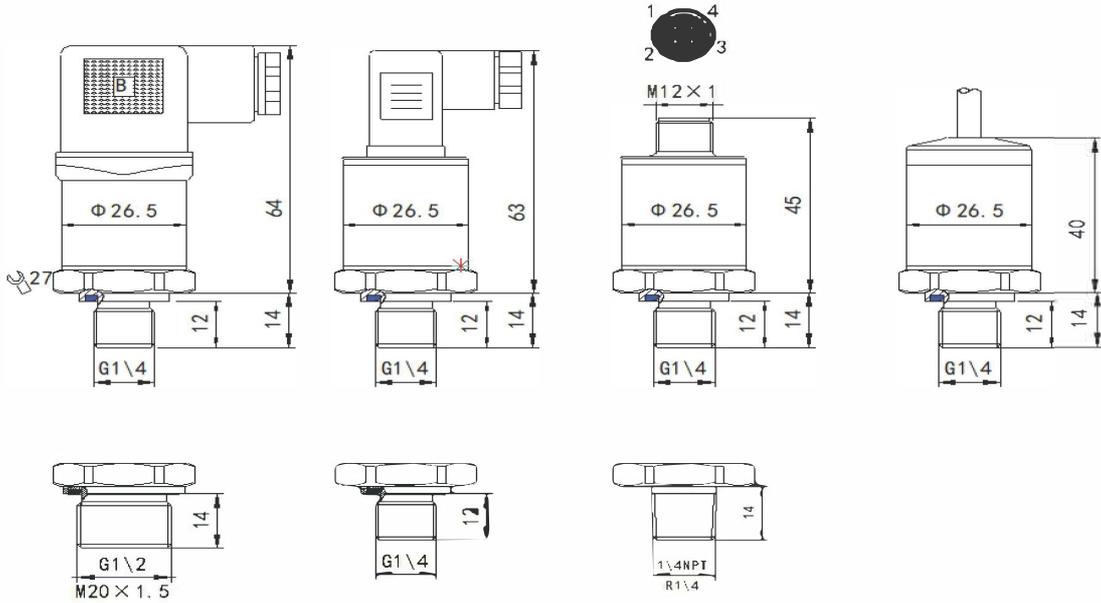
压力特性/Pressure feature

压力范围/Range Kpa / bar	耐压/Proof Pressure (×FS)	破裂压/Burst Pressure (×FS)
	SSM-P202V	SSM-P202V
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



经济型压力变送器 (SSM-P202V)

型号表示: SSM-P202V-①②③④

系列号 Series	①压力范围 Range	②安装接口 Process connection	③输出信号 Output	④电气接口 Electrical connection	参数描述 Parameter description
SSM-P202V	范围/Range K B M	2G 4G 2N 20M	4A	2D	压力数值/Pressure value KPa Bar MPa 4-20mA两线制/2-wire DIN43650赫斯曼/Hirschmann

注意事项/Attention:

1、不提供其他安装接口

No other Pre. interfaces

2、仅提供以下压力范围

Just provide the pre. range

压力范围 Range	5K=0-5kPa 20K=0-20kPa 60K=0-60kPa 4B=0-4bar 16B=0-16bar 6M=0-6MPa 25M=0-25MPa 40M=0-40MPa	10K=0-10kPa 35K=0-35kPa 100K=0-100kPa 6B=0-6bar 25B=0-25bar 10M=0-10MPa 30M=0-30MPa 60M=0-60MPa	16K=0-16kPa 40K=0-40kPa 200K=0-200kPa 10B=0-10bar 40B=0-40bar 16M=0-16MPa 35M=0-35MPa 70M=0-70MPa
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