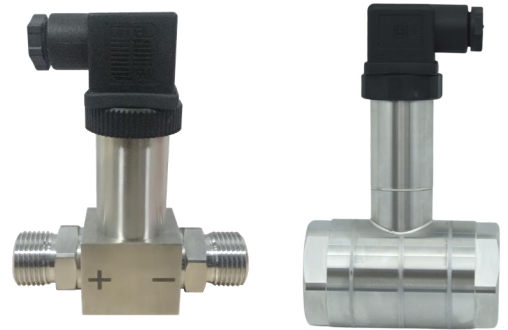


SSM-P202C

紧凑型差压变送器/Compact differential pressure transmitter

- 差压量程/Range: 0~5kpa~60bar
- 高性能硅芯体/High performance silicon core
- 紧凑型设计/Compact design
- 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



技术规格/Technique parameter

产品性能/Product Performance

长期漂移/Long-Term Stability	±0.1%FS/year (不累计/Not cumulative)
精度/Accuracy	±0.1%FS、±0.25%FS、±0.5%FS(可选/Optional)
零点温度影响//Temp.Effect on Zero	±0.02%FS/°C (P202C) ; ±0.05%FS/°C (P202CK)
灵敏度温度影响/Temp.Effect on sensitivity	±0.02%FS/°C (P202C) ; ±0.05%FS/°C (P202CK)
补偿温度/Comp.Temp.	-20°C~80°C(可选/Optional)
工作温度/Working Temp.	
非显示/Non-Display	-40°C~85°C
带液晶显示/LCD	-20°C~70°C
测量介质温度/Measuring Medium Temp.	
充硅油/Filled Silicone Oil	-40°C~125°C
	-40°C~250°C (加缓冲连接器/Adding connectors)
静压影响/Static Pressure Effect	±0.05%FS/100Kpa
最大静压/Maximum Static Pressure	≤20MPa (P202C) ; 2.0×FS (P202CK)
绝缘电阻/Insulation Resistance	100MΩ, 500Vdc
响应时间/Response Time	≤10ms (P202C) ; ≤30ms (P202CK)
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	SS316L、HC
电气接口/Electrical Interface	参见订购指南/See Ordering Guide
外壳材质/Shell Material	SS304
外壳防护/Shell Protection	IP65/IP67
抗冲击/Shock	EC 68-2-27 procedure I
抗振动/Vibration	10g, 25-2000Hz
重量/Weight	约600克/About 600g

环境数据/Environmental Data

认证/Authentication	CE、RoHS、EX
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更多产品信息请访问

For more product information, please visit : www.js-ssmtech.com

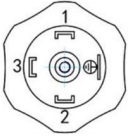
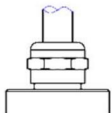
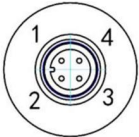
特有技术规格/Specific technical specifications

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、4-20mA+HART (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

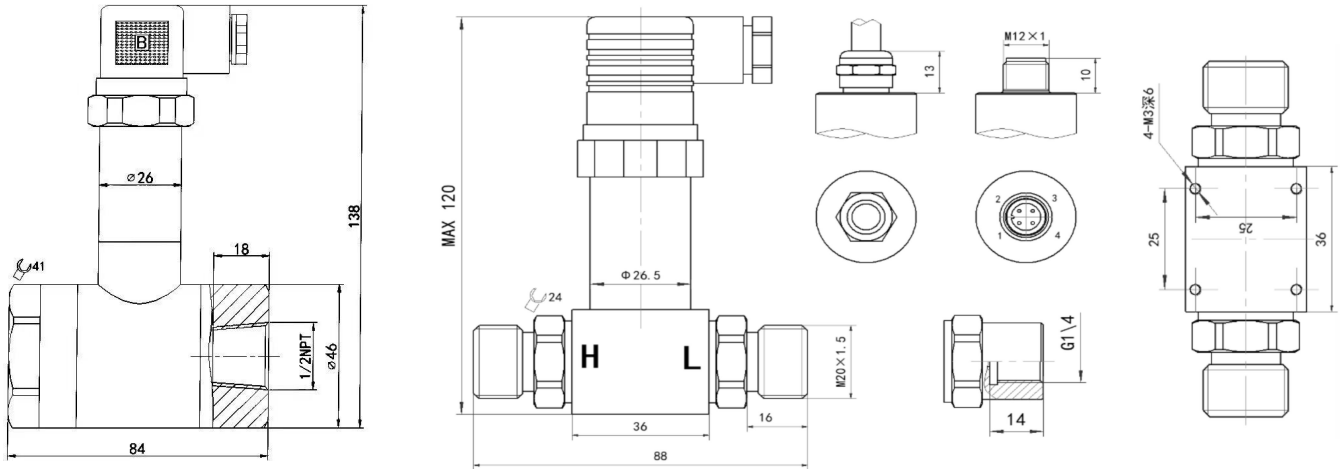
压力特性/Pressure feature

压力范围/Range Kpa / bar	SSM-P202C		SSM-P202CK	
	允许过压/Allow overvoltage		允许过压/Allow overvoltage	
	高压端/High side	低压端/Low side	高压端/High side	低压端/Low side
0~5Kpa	25Kpa	10Kpa	/	/
10~50Kpa	250Kpa	100Kpa	/	/
50~200Kpa	400Kpa	300Kpa	2.0×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
DIN 	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
M12*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



紧凑型差压变送器 (SSM-P202C)

型号表示: SSM-P202C-①②③④⑤

系列号 Series	①差压范围 Range	②安装接口 Process connection	③输出信号 Output	④电气接口 Electrical connection	⑤精度 Accuracy	参数描述 Parameter description
SSM-P202C SSM-P202CK						单晶硅/single-crystal silicon 扩散硅/diffusion silicon
	范围/Range K B M					压力数值/Pressure value KPa Bar MPa
		2G (F) 2G 4G 4N 14M 20M XX *				G1/4 (内/Internal thread) G1/4 G1/2 1/2NPT M14×1.5 M20×1.5 其他规格/Other *
注意事项/Attention: 1、4PIN标配2米电缆线 4PIN Standardized 2m Cable Line 2、直接引线标配1米电缆线 Direct lead with 1 m cable 3、带 "*" 号请联系技术人员 With "*", please contact the technician			4A 4AX 10V			4-20mA两线制/2-wire 4-20mA+LCD显示/With Display 0-10V三线制/3-wire
				2D 4P xE		DIN43650赫斯曼/Hirschmann 四芯M12连接器/4pin 直接引线X米/Direct lead x meter
					2 1	±0.5%FS ±0.25%FS ±0.1%FS