

SSM-P201S

液压专用型压力变送器/Hydraulic special type pressure transmitter

- 压力量程/Range: 0~10bar~1000bar
- 玻璃微溶工艺/Glass micro dissolution process
- 紧凑型设计/Compact design
- 超高过载/Super high overload
- 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	2%FS/100°C
补偿温度/Comp.Temp.	-20°C~80°C
工作温度/Working Temp.	-40°C~85°C
零点允差/Zero Error	±0.5%FS
满程允差/Span Error	±0.5%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、陶瓷/Ceramics
电气接口/Electrical Interface	M12×1四芯航空插件/Aviation Plug-in 4PIN
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50克/About 50g

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

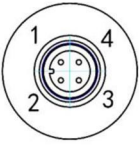
电流输出/Current Output

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

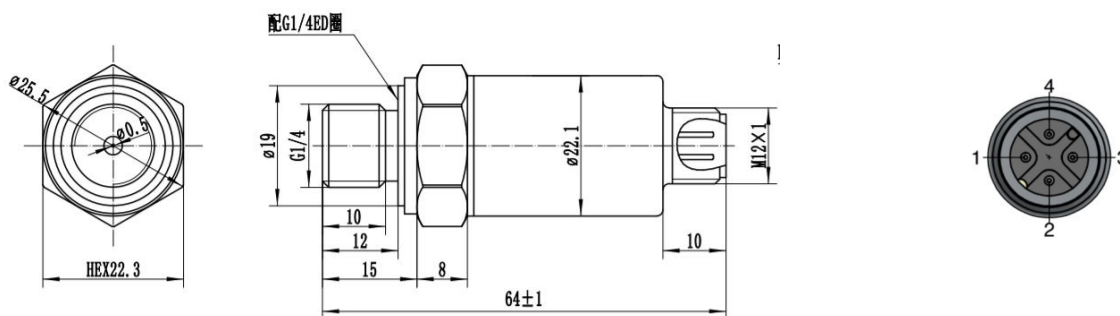
压力特性/Pressure feature

压力范围/Range Kpa / bar	耐压/Proof Pressure (×FS)	破裂压/Burst Pressure (×FS)
	SSM-P201S	SSM-P201S
真空/Vacuum	/	/
5~900kpa	/	/
10bar~100bar	3.0×FS	6.0×FS
200bar~700bar	2.0×FS	5.0×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
	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



液压专用型压力变送器 (SSM-P201S)

型号表示/model: SSM-P201S-①②③④⑤⑥

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精度 Accuracy	参数描述 Parameter description
SSM-P201S							液压专用型/Hydraulic special type
							表压/Gauge pressure
							压力数值/Pressure value
							Bar
							MPa
							G1/4 1/4NPT
				2G 2N			G1/4 1/4NPT
				4A 10V			4-20mA两线制/2-wire 0-10V三线制/3-wire
					4P XX *		四芯M12连接器/4pin 其他规格/Other *
						2	±0.5%FS ±0.25%FS

注意事项/Attention:

1、P201S不提供绝压

No absolute pressure for P201S

2、标配2米四芯电缆线

Standard 2 m four core cable

更多产品信息请访问

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