

## SSM-P202H

高压型压力变送器/High pressure pressure transmitter

- 压力量程/Range : 80Mpa~1000Mpa
- 17-4应变式芯体/Strain core
- 一体式高压结构/Integral high pressure structure
- 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	±0.2%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、17-4PH
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100克/About 100g

#### 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

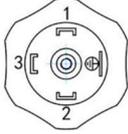
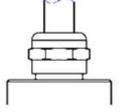
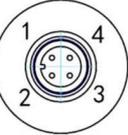
### 数字输出/Digital Output

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

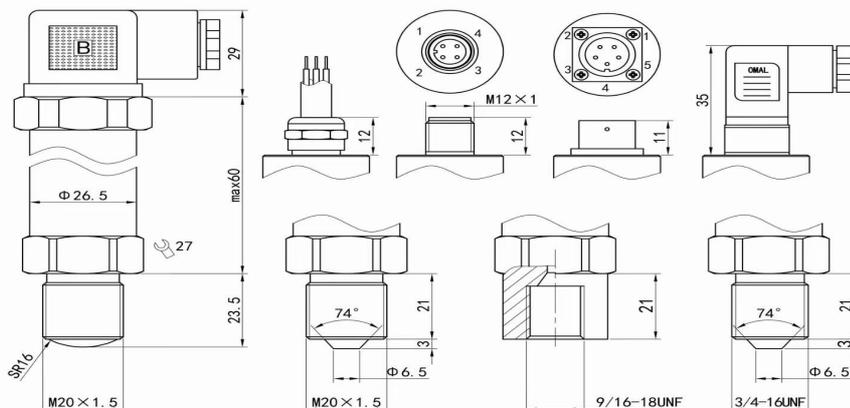
## 压力特性/Pressure feature

压力范围/Range bar/Mpa	耐压/Proof Pressure ( ×FS )	破裂压/Burst Pressure ( ×FS )
	SSM-P202H	SSM-P202H
800~1000bar	1.5×FS	2.0×FS
150~300Mpa	1.2×FS	2.0×FS
400~1000Mpa	1.2×FS	1.5×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)			
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)			
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



## 高压型压力变送器 (SSM-P202H) 应变式

型号表示：SSM-P202H-①②③④⑤

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	⑤精度 Accuracy	参数描述 Parameter description
SSM-P202H	范围/Range B M	4G 20M 9U(F) 20M(F) XX *	4A 4AX 10V 5V 5C	2D 4P 6P xE	2	压力数值/Pressure value Bar MPa G1/2 M20×1.5 9/16-18UNF (内/Internal thread) M20×1.5 (内/Internal thread) 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 六芯航空插件/6pin 直接引线X米/Direct lead x meter ±0.5%FS ±0.25%FS

### 注意事项/Attention :

- 直接引线标配1米电缆线  
Direct lead with 1 m cable
- 4PIN/6PIN标配2米电缆线  
4PIN/6PIN Standardized 2m Cable Line
- 带显示只能选配2D选项  
4AX/LCD can only be selected with 2D
- 带 "\*" 号请联系技术人员  
With "\*", please contact the technician
- 仅提供以下压力范围  
Just provide the pre. range

压力范围	80M=80Mpa	100M=100Mpa	150M=150Mpa
Range	160M=160Mpa	200M=200Mpa	300M=300Mpa
	300Mpa以上/Over 300Mpa *		