

SSM-P213

圆筒式卫生型压力变送器/Cylindrical type hygienic pressure transmitter

- 压力量程/Range : 0~6bar~350bar
- 圆筒式膜片/Cylindrical diaphragm
- 无突角、压花/No protrusion angle, embossing
- 符合/conforms to EHEDG、FDA、GMP
- 多种安装接口可选/Multiple Process connection options
- 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 anti-interference 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	±0.5%FS、 ±1.0%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/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~150°C (加缓冲连接器/Adding connectors)
零点允差/Zero Error	±1%FS
满程允差/Span Error	±1%FS
响应时间/Response Time	≤30ms
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
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800克/About 800g

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、4-20mA+HART (2线) /2-wire

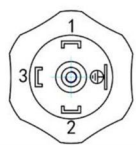
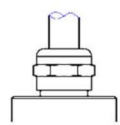
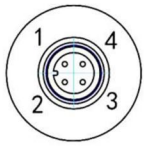
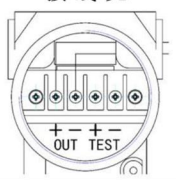
供电电压/Power Supply

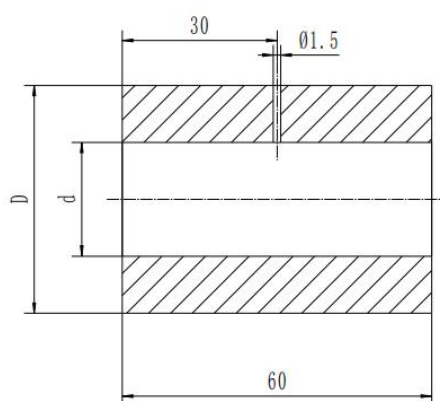
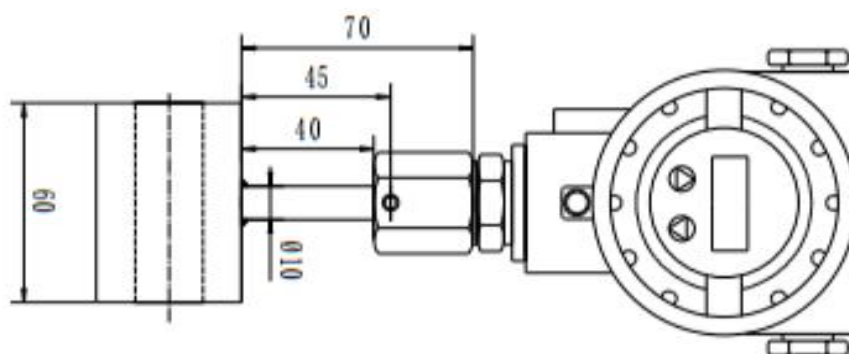
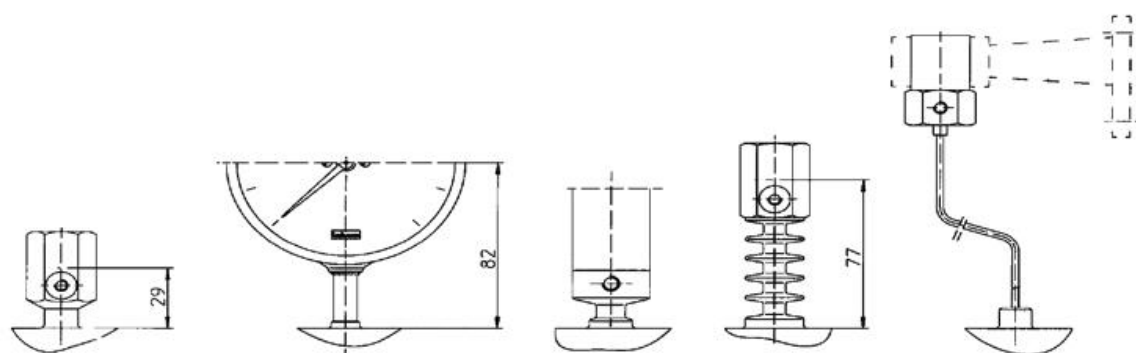
10-30Vdc

压力特性/Pressure feature

压力范围/Range bar	耐压/Proof Pressure (×FS)	破裂压/Burst Pressure (×FS)
	SSM-P213	SSM-P213
6bar~16bar	2.0×FS	3.0×FS
20bar~100bar	1.5×FS	3.0×FS
160bar~350bar	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
接线壳 	OUT+		E+电源/Supply	E+电源/Supply	E+电源/Supply
	OUT-		S+输出/Output		E-电源/Supply
	TEST+			S+输出/Output	RS485 A
	TEST-			E-/S-共负/Com	RS485 B

外型尺寸/External dimensions


	PN16DN15	PN16DN25	PN16DN50	PN40DN100	PN16DN150	PN16DN100	PN16DN80
D	44	63	95	150	210	150	130
d	22	28.5	54.5	107	159	107	82.5

圆筒式卫生型压力变送器 (SSM-P213)

型号表示: SSM-P213-①②③④⑤⑥

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散热装置 Radiator	⑥精度 Accuracy	参数描述 Parameter description
SSM-P213							
	范围/Range B M						压力数值/Pressure value Bar MPa
		1.5TC 2TC 15D10P 25D16P XX *					1.5"卡箍/clamp 2"卡箍/clamp DN15 PN10法兰/flange DN25 PN16 法兰/flange 其他规格/Other *
			4A 4AX 10V 5V				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
注意事项/Attention:				2D 4P xE 3Z 3J 8L			DIN43650赫斯曼/Hirschmann 四芯M12连接器/4pin 直接引线X米/Direct lead x meter 轴向钢外壳/Axial Steel Shell 径向钢外壳/Radial Steel Shell 2088铝外壳/Aluminium shell
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、电压输出只能选配2D\4P\xE选项 Voltage output can only be selected with 2D\4P\xE							
4、带显示只能选配2D\3Z\3J\8L选项 4AX/LCD can only be selected with 2D\3Z\3J\8L					5S		135℃, 标准散热/Standard radiator 150℃, 5片散热槽/5 radiators
5、带 “*” 号请联系技术人员						5	±1%FS ±0.5%FS

注意事项/Attention:

- 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
- 电压输出只能选配2D\4P\xE选项
Voltage output can only be selected with 2D\4P\xE
- 带显示只能选配2D\3Z\3J\8L选项
4AX/LCD can only be selected with 2D\3Z\3J\8L
- 带 "*" 号请联系技术人员
With "*", please contact the technician
- 后缀代码 -DW=电位器调零; -AJ=按键清零
Suffix code DW=potentiometer zero adjustment; AJ=button reset