

XJC-100PS 齐平膜型



*外形和量程可根据客户的要求特殊定制
Dimension and capacity can be customized by request.

特点/Feature

- ★ 压力量程：0~10bar~3000bar
- ★ 纯平膜片设计
- ★ 多种安装接口可选
- ★ 多种输出信号可选
- ★ 多种电气连接方式
- ★ 长期稳定性好
- ★ Range:-100kpa~0 & 0~20kpa~35bar.
- ★ Design of flat diaphragm.
- ★ Multiple Process connection optional.
- ★ Multiple output signals optional.
- ★ Multiple electrical connections.
- ★ Superior long term stability.

技术参数/Technical specifications

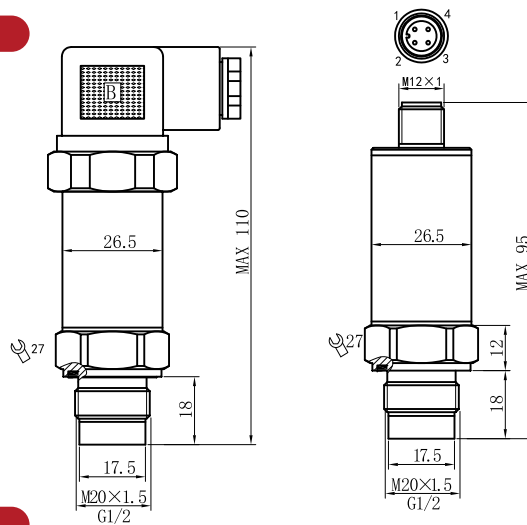
产品性能 Product Performance	
长期漂移 Long-Term Stability	±0.2%FS/year(不累计/Not cumulative)
精度 Accuracy	±0.25%FS, ±0.5%FS(可选/Optional)
温度影响 P201 Temp.Effect	1.5%FS/100°C
补偿温度 Comp.Temp.	-20°C~80°C
工作温度 Working Temp.	
非显示	-40°C~85°C
数码管显示/LED	-20°C~70°C
零点允差 Zero Error	±1.5%FS
满程允差 Span Error	±1.5%FS
响应时间 Response 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 P201 Contact Parts	SS316L、17-4PH
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350克/About350g
环境数据 Environmental Data	
认证 Authentication	CE, RoHS

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

压力范围 Range	耐压 Proof Pressure(×FS)	破裂压 Burst Pressure(×FS)
Kpa / bar	XJC-100PS	XJC-100PS
真空/Vacuum	5.0×FS	3.0×FS
40~100kpa	1.5×FS	3.0×FS
200kpa~35bar	1.5×FS	2.0×FS

类型 Type	端子 Terminal	电流2-wire Current signal	电压3-wire Voltage signal	电压4-wire Voltage signal	Modbus-RTU RS485	电缆颜色 Cable Colour
M12	1	+ve供电/Supply	+ve供电/Supply	+ve供电/Supply	+ve供电/Supply	棕/Brown
	2	0V公用端/Com	0V公用端/Com	-ve输出/Output	-ve供电/Supply	白/White
	3	+ve输出/Output	+ve输出/Output	+ve输出/Output	A+	蓝/Blue
	4			-ve供电/Supply	B-	黑/Black
DIN	1	+ve供电/Supply	+ve供电/Supply	+ve供电/Supply	+ve供电/Supply	红/Red
	2	+ve输出/Output	+ve输出/Output	-ve供电/Supply	-ve供电/Supply	黑/Black
	3		0V公用端/Com	+ve输出/Output	A+	蓝/Blue
	GND			-ve输出/Output	B-	白/White

平面图/Plan (单位:mm)



选型说明/Ordering guide

型号/Model : XJC-100PS-①②③④⑤

注意事项/Attention	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
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、电压输出不选配8L选项 Voltage output is not optional with 8L 4、带显示只能选配2D/8L选项4AX/LCD can only be selected with 2D/8L 5、带“*”号请联系技术人员 With“*”,please contact the technician	范围/Range K=kPa B=bar M=MPa	2G *=G1/4 * 4G=G1/2 6G=G3/4 8G=G1** 20M=M20×1.5XX *= 其他规格/Other *	4A=4~20mA 4AX=4-20mA+LCD 显示/With Display 10V=0~10V 5V=0~5V	2D=DIN43650 赫斯曼/Hirschmann 4P=四芯M12连接器/4pin xE=直接引线X米/ Direct lead x meter 8L=2088铝外壳/ Aluminium shell	空=±0.5 %FS 2=±0.25 %FS

主要应用/Applications

用于化工、煤矿、食品、造纸、聚氨酯设备等行业中粘稠介质的压力测量。

It is used for pressure measurement of viscous media in chemical industry, coal mine, food, papermaking, polyurethane equipment and other industries.