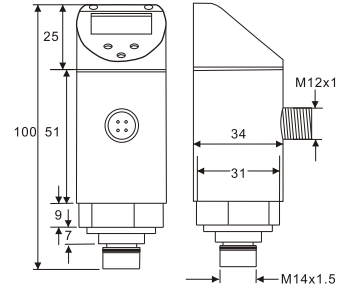


Features 产品特点

- 0 ... 100MPa Measuring range
0-100MPa量程
- High accuracy, Low Hysteresis
高精度、低磁滞
- 12-30Vdc Operating Voltage
直流12-30V工作电压
- NPN,PNP,4-20mA,1-5Vdc,RS485 Output
NPN,PNP,4-20mA,1-5Vdc,RS485输出方式
- OLED Display
OLED数字显示
- Built-in Electrical Protection
内置电气保护如短路保护、过载保护、反极性保护等
- IP67 Protection
IP67防护等级, 防尘、防水



(Unit: mm)

■ 5 Pin M12x1 Connector
5针M12x1接头



	1	2	3	4	5
+	+	RS485A+	-	RS485B-	4-20mA/ 1-5Vdc
+	+	Transistor output-2	-	Transistor output-1	4-20mA/ 1-5Vdc

■ 4 Pin M12x1 Connector
4针M12x1接头



	1	2	3	4
+	+	RS485A+	-	RS485B-
+	+	Transistor output-2	-	Transistor output-1
+	+	Transistor output-2	-	
+	+		-	Transistor output-1
+	+	4-20mA/ 1-5Vdc	-	Transistor output-1



General Data 产品参数	
Pressure types 压力类型	Gauge pressure 表压
Measuring range 量程	0 ... 100MPa 兆帕
Overload limit 过载	150%
Power supply voltage 电源电压	12 ... 30Vdc
Output signal 输出信号	4-20mA, 1-5Vdc, RS485, NPN Transistor, PNP Transistor
Typical Accuracy 典型精度	0.1%
Stability Accuracy 年稳定性	0.1%FS/year
Electric current 消耗电流	<45mA(RS485), <60m(4-20mA, 1-5Vdc)
Load resistance 负载电阻	<(U-12)/0.06Ω
Transmission distance 传输距离	<1000m
Power consumption 功耗	<1.44W, <1.08W(RS485+Transistor+OLED display @24Vdc)
Startup after power off 断电后上电启动时间	<3s
Normal service after data recovery 数据恢复至正常使用时间	<10s
Working temperature 工作温度	-40°C ... +85°C
Storage temperature 储存温度	-40°C ... +85°C
Media temperature 测量介质温度	Silicon oil filling: -40°C ... +120°C
Working humidity 工作湿度	0-95%RH @40°C
Material 材质	SUS304 steel, SUS3016 steel
Isolated diaphragm material 隔离膜片材质	SUS3016L Hastloy C
Isolated filling fluid 隔离充罐液	Silicon oil, process temperature: -45°C ... +205°C 常温硅油, 适用直接接触温度范围-45°C ... +205°C Fluorocarbon oil, process temperature: -45°C...160°C 惰性充罐液, 适用直接接触温度范围-45°C ... +160°C
Sealing 密封方式	Stainless steel welding seal 不锈钢焊接密封
Test standard 测试标准	IEC60770
Reference conditions 基准条件	Zero based calibration span, Linear output, Silicon oil filling, 316L stainless steel isolated diaphragm 基准条件: 从零点开始的量程; 硅油充液, 316L 不锈钢隔离膜片, 4-20mA 模拟输出, 端基微调至设定值
Power supply effects 电源影响	<0.005%URL/V
Mounting position effects 安装位置影响	Apply to any position. Install error less than 400Pa which can be corrected by PV=0 reset 任意位置安装, 最大不超过400Pa可通过清零功能校正
Vibration effects 振动影响	According to IEC61298-3 tests, <0.1% URL
Ambient temperature effects 环境温度影响	<(0.1+0.15TD)%URL within the range -20...+80 total impact / <(0.1+0.15TD)%
Insulation resistance 绝缘电阻	>20MΩ @100Vdc
LED display unit 显示界面	2-row display: pressure value & unit 两排显示: 压力值+压力单位 3-row display: percentage, pressure value, unit 三排显示: 百分比+压力值+压力单位 3-row display: SPn, pressure value, RPn 三排显示: SPn+压力值+RPn
Measuring menu set 量程设定	URV: Upper range value, 20mA LRV: Lower range value, 4mA
Alarm Signal 故障报警信号	AOLC: When too small pressure lead to output current < AOLC setting value, display out < AOLC AOLC: 输入压力过小, 导致产品输出电流小于AOLC设置值时, 显示OUT < AOLC AOHC: When too large pressure lead to output current > AOHC setting value, display out > AOHC AOHC: 输入压力过大, 导致产品输出电流大于AOHC设置值时, 显示OUT > AOHC
Measuring medium 测量介质	The fluids which compatible with wetted parts 与接触材质兼容的流体
Application fields 应用领域	Pressure measurement, Level measurement 压力测量、液位测量
Protection class 防护等级	IP67
EMC 电磁兼容	IEC61000-4 Part 2, 3, 4, 5, 6, 8
Approvals 认证	CE, CMC
Weight 重量	1000g