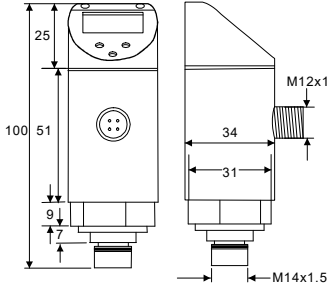


Features 产品特点

- 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
- 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 diphragm 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