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上海辰心仪表有限公司
Shanghai Chenxin Instruments CO.,Ltd.

产品手册

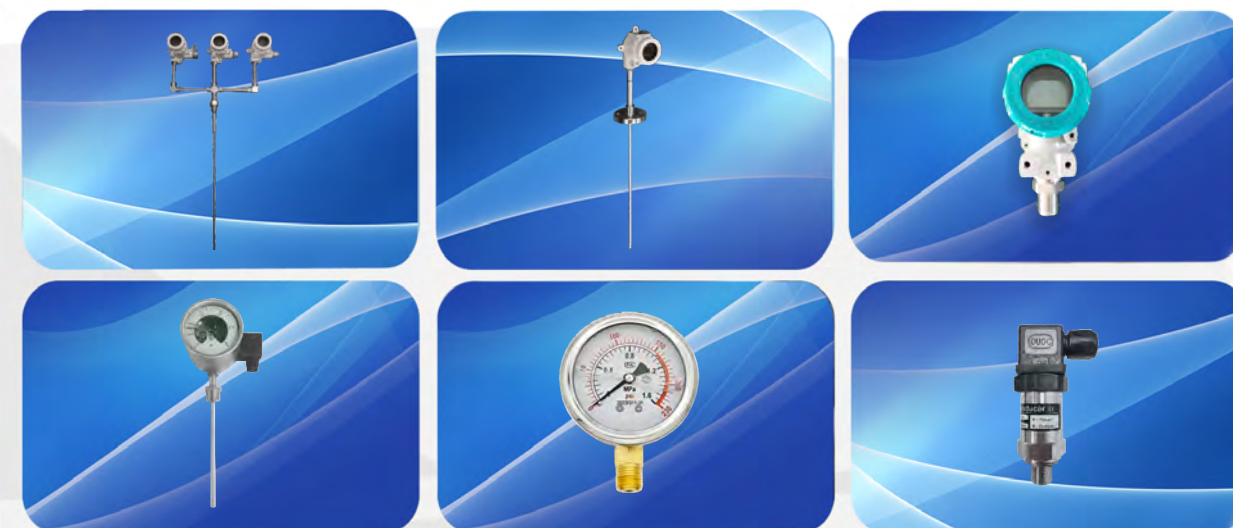
Product manual

专业传感器制造商

Professional sensor manufacturing enterprise

从始至终恒久不变

Always unchanged from beginning to end



压力变送器

Pressure transmitter

热电偶 热电阻

Thermocouple Thermal resistance

温度变送器

Temperature transmitter

双金属温度计

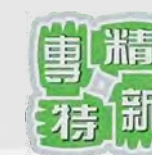
Bimetal thermometer

压力仪表

Pressure gauge



高新技术企业
High and new
technology enterprises



专精特新企业
Specialized, refined,
and innovative enterprises

2026

上海辰心仪表有限公司成立于2003年，属于国家高新技术和上海专精特新企业。注册资本1200万，公司20多年来致力于航空航天、生物医药、环境保护、汽车及新能源等领域的温度传感器、压力变送器和压力仪表的研发、制造和销售。

辰心仪表将客户和市场需求作为产品研发和制造导向。通过对客户的需求分析，不断开拓新产品和新市场。历经20多年的传感器市场开发和科研投入，公司已经有近二千家客户资源，同时与近百家上市公司和国家重点企业形成战略合作伙伴关系。

在万物互联皆智能，传感器风光无限的工业时代，辰心仪表紧跟时代步伐，深入空压机、水泵、垃圾焚烧、工业炉等传感器细分市场。通过“品质第一 服务至上，性价比第一 诚信至上”的经营理念，其产品不断的为客户创造价值，协助客户提升竞争力，从而满足客户的需求。

Shanghai Chenxin Instrument Co., Ltd. was established in 2003 and is a national high-tech and Shanghai specialized and innovative enterprise. With a registered capital of 12 million yuan, the company has been committed to the research and development, manufacturing, and sales of temperature sensors, pressure transmitters, and pressure instruments in the fields of aerospace, biopharmaceuticals, environmental protection, automobiles, and new energy for over 20 years.

Chenxin Instrument takes customer and market demands as its product development and manufacturing orientation. By analyzing customer needs, continuously exploring new products and markets. After more than 20 years of sensor market development and scientific research investment, the company has nearly 2000 customer resources and has formed strategic partnerships with nearly 100 listed companies and national key enterprises.

In the industrial era where everything is interconnected and intelligent, and sensors have unlimited potential, Chenxin Instrument keeps up with the times and delves into sensor sub markets such as air compressors, water pumps, garbage incineration, and industrial furnaces. Through the business philosophy of "quality first, service first, performance and price first, integrity first", its products continuously create value for customers, assist them in improving competitiveness, and meet their needs.

压力变送器 Pressure transmitter	3
热电偶 热电阻 Thermocouple Thermal resistance	33
热敏电阻 Thermistor	45
温度变送器 Temperature transmitter	46
双金属温度计 Bimetal thermometer	48
压力仪表 Pressure gauge	49





本系列产品采用陶瓷厚膜一体化压阻技术，性能优良，体积小封装灵活。耐腐蚀，不用隔离可直接接触、测量腐蚀性介质。作为压力感应元件，易于与变送器电子电路一体化理想集成。可靠性高、稳定性好、成本低，可大规模批量生产。满足欧盟2011/65/EU 指令关于有毒有害物质限制要求。

This series of products adopts ceramic thick film integrated piezoresistive technology, with excellent performance, small size, and flexible packaging. Corrosion resistant, allowing direct contact and measurement of corrosive media without isolation. As a pressure sensing component, it is easy to integrate with the electronic circuit of the transmitter and is ideal for integration. High reliability, good stability, low cost, and capable of mass production. Meet the requirements of EU Directive 2011/65/EU regarding restrictions on toxic and harmful substances.

特点Characteristic

陶瓷芯体 Ceramic core body	密封表压 Sealing gauge pressure	高精度 High-precision
高稳定 High stability	抗震动 Anti vibration	耐油耐腐 Oil and corrosion resistance
抗紫外线 UV resistance	抗老化 Anti aging	抗干扰 Anti-interference

应用Application

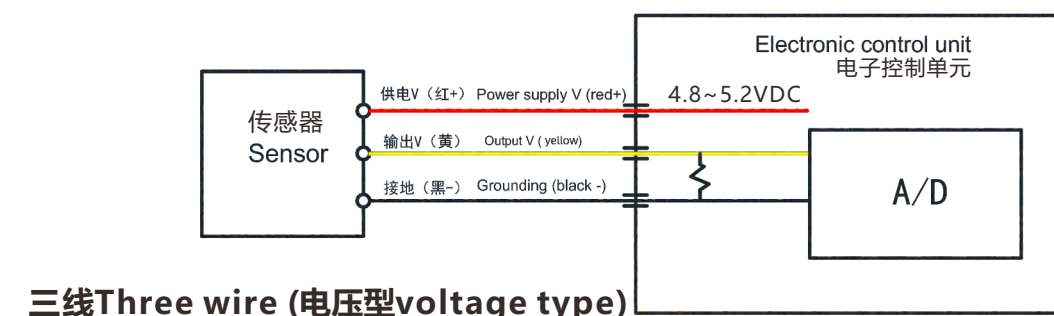
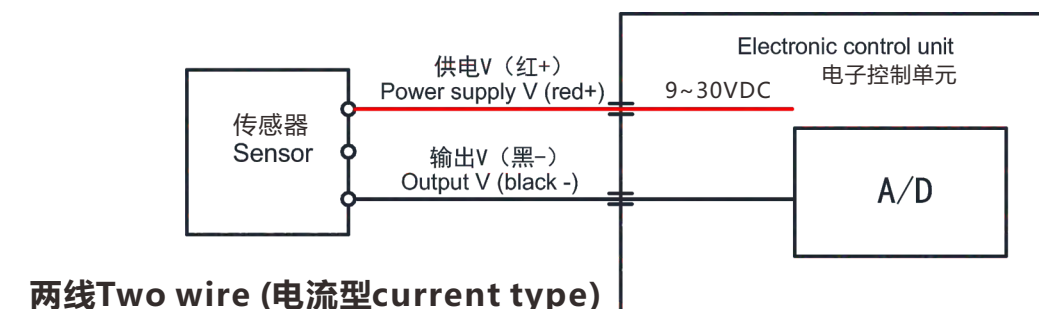
螺杆空压机 Screw compressor	柴油空压机 Diesel air compressor	无油空压机 Oil free air compressor
移动空压机 Mobile air compressor	激光切割空压机 Laser cutting air compressor	永磁变频空压机 Permanent magnet variable frequency air compressor
变频泵 Variable frequency pump	水处理领域 Water treatment field	成套供水 Complete water supply



性能指标Performance

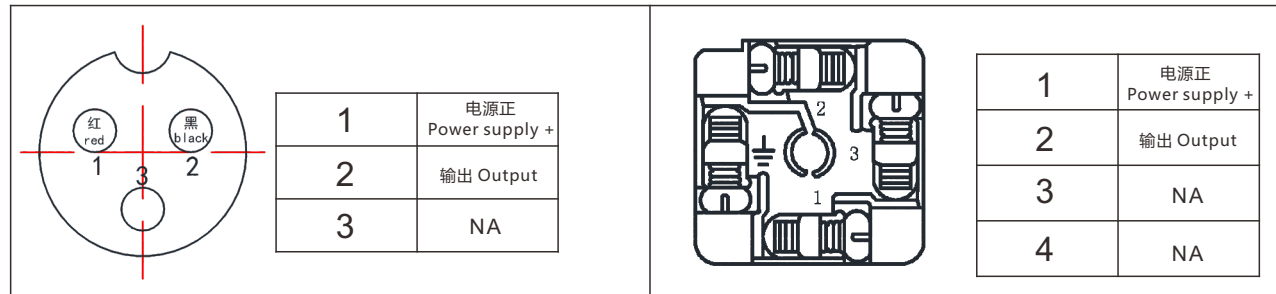
芯体 Core body	陶瓷压阻Ceramic piezoresistance
测量范围 Measuring range	0~2bar...10bar...50bar
输出信号 Output signal	4~20mA、0.5~4.5V
常温精度 Room temperature accuracy	0.5%FS (电流current)、1%FS (电压voltage)
综合精度 Comprehensive accuracy	1%FS (电流current)、1.5%FS (电压voltage)
供电电源 Power supply	9~30 V·DC (电流current)、4.8~5.2 V·DC (电压voltage)
安全压力 Safety pressure	2倍满量程压力 2 times full scale pressure
介质温度 Medium temperature	-10~100℃
工作温度 Working temperature	-40~120℃
绝缘电阻 Insulation resistance	≥100MΩ (500V·DC)
长期稳定性 Long term stability	0.2%FS/年YEAR
响应时间 Response time	<1ms
环境温度 ambient temperature	-20~120℃
储存温度 Storage temperature	-20~100℃
显示位数 Display number of digits	精度0.5%，LED显示（三位），LCD显示（四位） Accuracy 0.5%, LED display(three decimal places), LCD display(four decimal places)
显示单位 Display units	Mpa

电气连接图Electrical connection

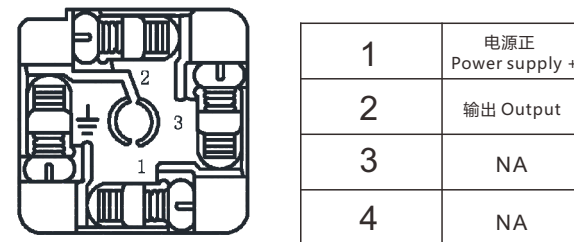




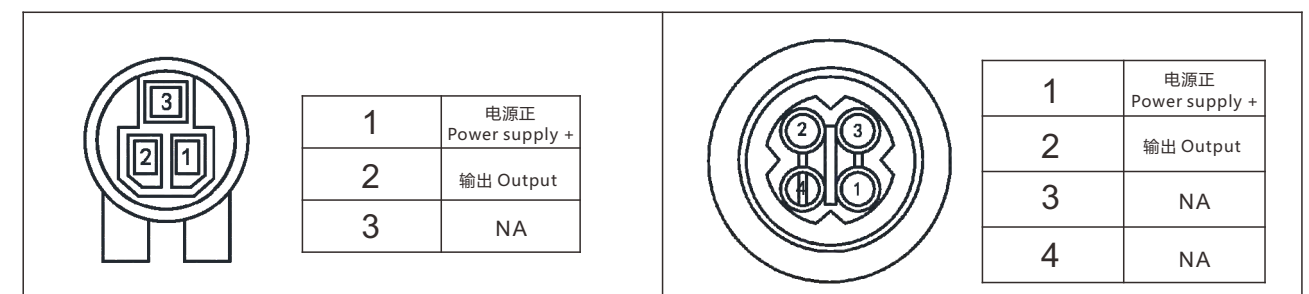
接线图Wiring diagram



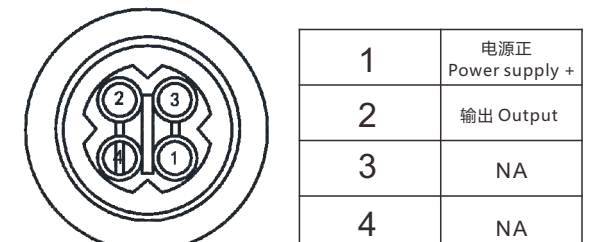
PTC-131, PTC-40HC, PTC-40HD
电流型接线图 Current type wiring diagram



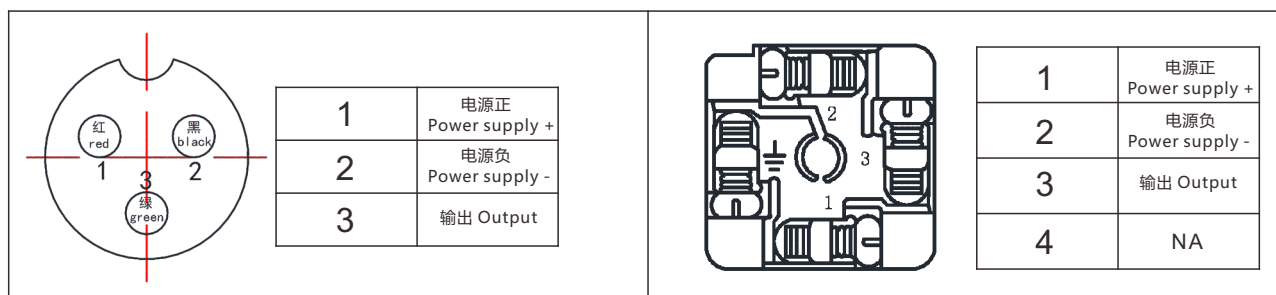
PTC-132, PTC-133, PTC-133DS, PTC-136,
PTC-136DS, PTC-45H
电流型接线图 Current type wiring diagram



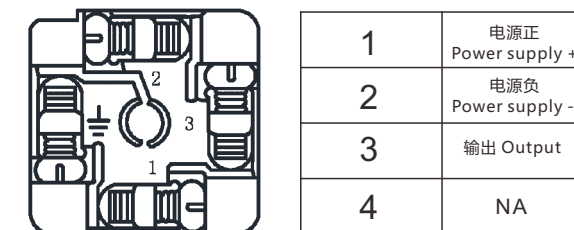
PTC-134, PTC-44HC, PTC-44HD电流型接线图
Current type wiring diagram



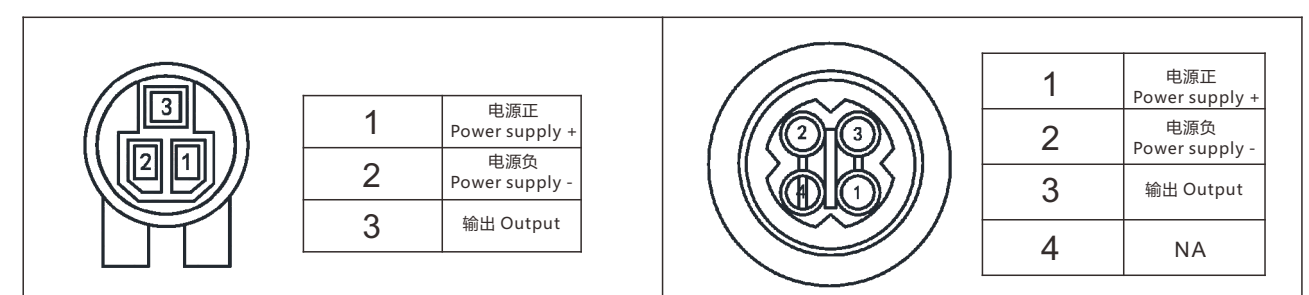
PTC-135电流型接线图
Current type wiring diagram



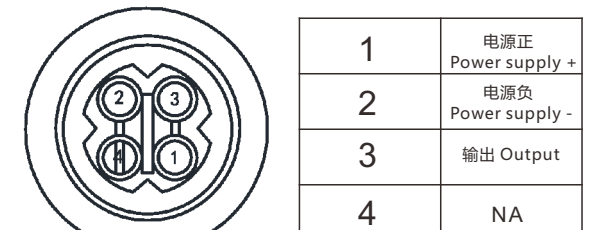
PTC-131, PTC-40C, PTC-40D, PTC-40HC,
PTC-40HD
电压型接线图 Voltage type wiring diagram



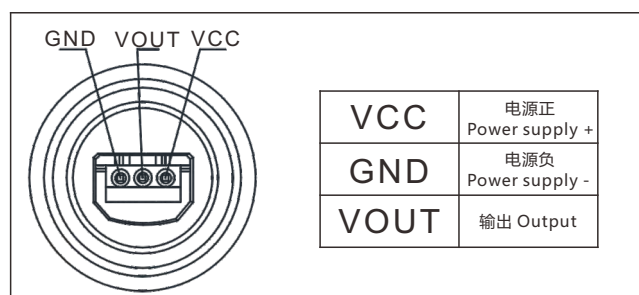
PTC-132, PTC-133, PTC-133DS, PTC-136,
PTC-136DS, PTC-45H
电压型接线图 Voltage type wiring diagram



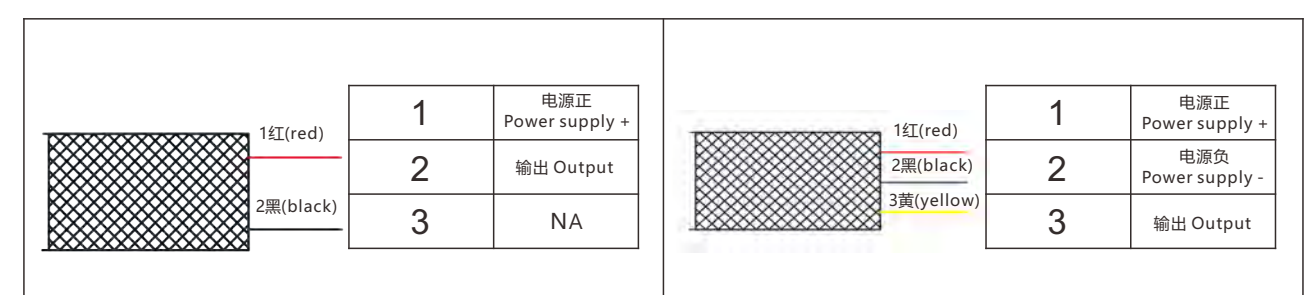
PTC-134, PTC-44HC, PTC-44HD电压型接线图
Voltage type wiring diagram



PTC-135电压型接线图
Voltage type wiring diagram



PTC-40E
接线图Wiring diagram



PTC-1200, PTC-1300, PTC-138, PTC-40B,
PTC-40F, PTC-40HA电流型接线图
Current type wiring diagram



PTC-1200, PTC-1300, PTC-138, PTC-40B,
PTC-40F, PTC-40HA电压型接线图
Voltage type wiring diagram



PTC-131 航空接插件压力变送器
Aviation connector pressure transmitter

型号Model	PTC-131
输出信号Output signal	I: 电流current 4~20mA 、V: 电压 voltage 0.5~4.5V
量程Range	0~2bar...10bar...50bar
安装接口 Installation interface	标准Standard:G1/4、R1/4、可定制customizable
壳体材质 Shell material	标准Standard:201、可定制customizable
引线长度Lead length	标准: 3米针型、可定制 Standard: 3-meter needle type, customizable
功能Function	用于气体测量, 防护等级IP54 Used for gas measurement, protection level IP54



PTC-132 小赫斯曼接插件压力变送器
Small Hirschmann connector pressure transmitter

型号Model	PTC-132
输出信号Output signal	I: 电流current 4~20mA 、V: 电压 voltage 0.5~4.5V
量程Range	0~2bar...10bar...50bar
安装接口 Installation interface	标准Standard:G1/4、可定制customizable
壳体材质 Shell material	标准Standard:304、可定制customizable
引线长度Lead length	标准: 3米针型、可定制 Standard: 3-meter needle type, customizable
功能Function	用于气体测量, 防护等级IP65 Used for gas measurement, protection level IP65



PTC-1200 注塑一体式压力变送器
Injection molding integrated pressure transmitter

型号Model	PTC-1200
输出信号Output signal	I: 电流current 4~20mA 、V: 电压 voltage 0.5~4.5V
量程Range	0~2bar...10bar...50bar
安装接口 Installation interface	标准Standard:G1/4、可定制customizable
壳体材质 Shell material	标准Standard:201、可定制customizable
引线长度Lead length	标准: 2米针型、可定制 Standard: 2-meter needle type, customizable
功能Function	用于气体测量, 防护等级IP65 Used for gas measurement, protection level IP65



PTC-133 大赫斯曼接插件压力变送器
Large Hirschmann connector pressure transmitter

型号Model	PTC-133
输出信号Output signal	I: 电流current 4~20mA 、V: 电压 voltage 0.5~4.5V
量程Range	0~2bar...10bar...50bar
安装接口 Installation interface	标准Standard:G1/4、可定制customizable
壳体材质 Shell material	标准Standard:304、可定制customizable
引线长度Lead length	标准: 3米针型、可定制 Standard: 3-meter needle type, customizable
功能Function	用于气体测量, 防护等级IP65 Used for gas measurement, protection level IP65



PTC-1300 直型注塑分体式压力变送器
Straight injection split pressure transmitter

型号Model	PTC-1300
输出信号Output signal	I: 电流current 4~20mA 、V: 电压 voltage 0.5~4.5V
量程Range	0~2bar...10bar...50bar
安装接口 Installation interface	标准Standard:G1/4、R1/4、可定制customizable
壳体材质 Shell material	标准Standard:201、可定制customizable
引线长度Lead length	标准: 3米针型、可定制 Standard: 3-meter needle type, customizable
功能Function	用于气体测量, 防护等级IP54 Used for gas measurement, protection level IP54



PTC-133DS 带显示大赫斯曼接插件压力变送器
Large Hirschmann connector pressure transmitter with display

型号Model	PTC-133DS
输出信号Output signal	I: 电流current 4~20mA 、V: 电压 voltage 0.5~4.5V
量程Range	0~2bar...10bar...50bar
安装接口 Installation interface	标准Standard:G1/4、可定制customizable
壳体材质 Shell material	标准Standard:304、可定制customizable
引线长度Lead length	标准: 3米针型、可定制 Standard: 3-meter needle type, customizable
功能Function	用于气体测量 Used for gas measurement
显示Display	LED3位显示,LCD4位显示 LED 3-digit display, LCD 4-digit display





PTC-134 帕克接插件压力变送器
Parker connector pressure transmitter

型号Model	PTC-134
输出信号Output signal	I: 电流current 4-20mA 、 V: 电压 voltage 0.5~4.5V
量程Range	0~2bar...10bar...50bar
安装接口 Installation interface	标准Standard:G1/4、可定制customizable
壳体材质 Shell material	标准Standard:304、可定制customizable
引线长度Lead length	标准: 3米针型、可定制 Standard: 3-meter needle type, customizable
功能Function	用于气体测量, 防护等级IP65 Used for gas measurement, protection level IP65



PTC-135 卡口接插件压力变送器
Bayonet aviation connector pressure transmitter

型号Model	PTC-135
输出信号Output signal	I: 电流current 4-20mA 、 V: 电压 voltage 0.5~4.5V
量程Range	0~2bar...10bar...50bar
安装接口 Installation interface	标准Standard:G1/4、可定制customizable
壳体材质 Shell material	标准Standard:304、可定制customizable
引线长度Lead length	标准: 3米针型、可定制 Standard: 3-meter needle type, customizable
功能Function	用于气体测量, 防护等级IP65 Used for gas measurement, protection level IP65



PTC-136 高温型压力变送器
High temperature pressure transmitter

型号Model	PTC-136
输出信号Output signal	I: 电流current 4-20mA 、 V: 电压 voltage 0.5~4.5V
量程Range	0~2bar...10bar...50bar
安装接口 Installation interface	标准Standard:G1/4、可定制customizable
壳体材质 Shell material	标准Standard:304、可定制customizable
引线长度Lead length	标准: 3米针型、可定制 Standard: 3-meter needle type, customizable
功能Function	用于气体测量, 防护等级IP65 Used for gas measurement, protection level IP65
耐温Heat resistance	300℃以下below
散热片Heat sink	100~150℃ 选10片散热片, 150~300℃ 选15片散热片 100~150℃ select 10 heat sinks, 150~300℃ select 15 heat sinks



PTC-136DS 带显示高温型压力变送器
High temperature pressure transmitter with display

型号Model	PTC-136DS
输出信号Output signal	I: 电流current 4-20mA 、 V: 电压 voltage 0.5~4.5V
量程Range	0~2bar...10bar...50bar
安装接口 Installation interface	标准Standard:G1/4、可定制customizable
壳体材质 Shell material	标准Standard:304、可定制customizable
引线长度Lead length	标准: 3米针型、可定制 Standard: 3-meter needle type, customizable
功能Function	用于气体测量, 防护等级IP65 Used for gas measurement, protection level IP65
显示Display	LED3位显示,LCD4位显示 LED 3-digit display, LCD 4-digit display
耐温Heat resistance	300℃以下below
散热片Heat sink	100~150℃ 选10片散热片, 150~300℃ 选15片散热片 100~150℃ select 10 heat sinks, 150~300℃ select 15 heat sinks



PTC-138 防水一体式压力变送器
Waterproof integrated pressure transmitter

型号Model	PTC-138
输出信号Output signal	I: 电流current 4-20mA 、 V: 电压 voltage 0.5~4.5V
量程Range	0~2...50bar
安装接口 Installation interface	标准Standard:G1/4、可定制customizable
壳体材质 Shell material	标准Standard:304、可定制customizable
引线长度Lead length	标准: 2米针型、可定制 Standard: 2-meter needle type, customizable
功能Function	用于气体测量, 防护等级IP65 Used for gas measurement, protection level IP65





PTC-40B 一体式压力变送器
Integrated pressure transmitter

型号Model	PTC-40B
输出信号Output signal	I: 电流Current4~20mA V: 电压Voltage0.5~4.5V
量程Range	0~10bar
安装接口 Installation interface	嵌装Mount
壳体材质Shell material	H57-3
功能Function	用于家庭水泵、压力开关, 防护等级IP65 Used for household water pumps and pressure switches, with a protection level of IP65



PTC-40HA 注塑一体式压力变送器
Injection molding integrated pressure transmitter

型号Model	PTC-40HA
输出信号Output signal	I: 电流Current4~20mA V: 电压Voltage0.5~4.5V
量程Range	0~10bar、0~16bar、0~25bar
安装接口 Installation interface	G1/4、G3/8、可定制 G1/4、G3/8、customizable
壳体材质 Shell material	标准Standard:201、可定制customizable
引线长度Lead length	标准Standard: 450、可定制customizable
功能Function	带缓冲螺钉、加厚陶瓷芯体, 安全压力满量程3倍 With buffer screws and thickened ceramic core, the safety pressure is 3 times the full range
用途application	用于液体测量, 防护等级IP67 For liquid Measurement, protection grade IP67
精度Accuracy	±1%FS



PTC-40HC 直型注塑分体式压力变送器
Straight injection split pressure transmitter

型号Model	PTC-40HC
输出信号Output signal	I: 电流Current4~20mA V: 电压Voltage0.5~4.5V
量程Range	0~10bar、0~16bar、0~25bar
安装接口 Installation interface	G1/4、G3/8、可定制customizable
壳体材质 Shell material	标准Standard:201、可定制customizable
精度Accuracy	±1%FS
引线长度Lead length	标准Standard: 2000、可定制customizable
功能Function	带缓冲螺钉、加厚陶瓷芯体, 安全压力满量程3倍 With buffer screws and thickened ceramic core, the safety pressure is 3 times the full range
用途application	用于液体测量, 防护等级IP65 For liquid Measurement, protection grade IP65



PTC-40HD 直角注塑分体式压力变送器
Right angle injection molded split type pressure transmitter

型号Model	PTC-40HD
输出信号Output signal	I: 电流Current4~20mA V: 电压Voltage0.5~4.5V
量程Range	0~10bar、0~16bar、0~25bar
安装接口 Installation interface	G1/4、G3/8、可定制customizable
壳体材质 Shell material	标准Standard:201、可定制customizable
精度Accuracy	±1%FS
引线长度Lead length	标准Standard: 2000、可定制customizable
功能Function	带缓冲螺钉、加厚陶瓷芯体, 安全压力满量程3倍 With buffer screws and thickened ceramic core, the safety pressure is 3 times the full range
用途Application	用于液体测量, 防护等级IP65 For liquid Measurement, protection grade IP65



PTC-44HC 帕克插头压力变送器
Parker plug pressure transmitter

型号Model	PTC-44HC
输出信号Output signal	I: 电流Current4~20mA
量程Range	0~10...20...25bar
安装接口 Installation interface	标准Standard:G1/4、可定制customizable
壳体材质 Shell material	标准Standard:201、可定制customizable
功能Function	加厚陶瓷压阻芯体、防护等级IP65、带缓冲螺钉 Ultra thin ceramic piezoresistive core, protection level IP65, with buffering screws
用途application	用于液体测量, 防护等级IP68 For liquid Measurement, protection grade IP68



PTC-44HD 帕克插头压力变送器
Parker plug pressure transmitter

型号Model	PTC-44HD
输出信号Output signal	V: 电压Voltage0.5~4.5V
量程Range	0~10bar
安装接口 Installation interface	标准Standard:G1/4、可定制customizable
壳体材质 Shell material	标准Standard:201、可定制customizable
功能Function	加厚陶瓷压阻芯体、防护等级IP65、带缓冲螺钉 Ultra thin ceramic piezoresistive core, protection level IP65, with buffering screws
用途application	用于液体测量, 防护等级IP68 For liquid Measurement, protection grade IP68





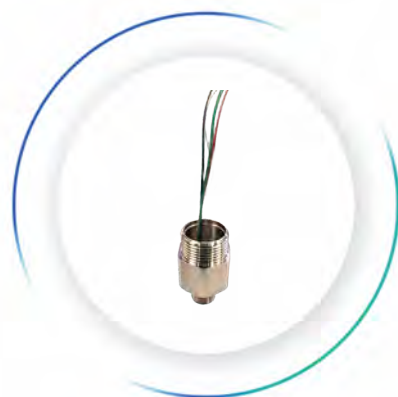
PTC-40E 嵌装型压力变送器 Embedded pressure transmitter

型号Model	PTC-40E
输出信号Output signal	V: 电压Voltage0.5~4.5V
量程Range	0~10bar
安装接口 Installation interface	嵌装Mount
配套端子 Supporting terminals	XH2.54-3Y
壳体材质Shell material	标准Standard: H62, 可定制customizable 304、H57-3
功能Function	用于家庭水泵、压力开关, 防护等级IP65 Used for household water pumps and pressure switches, with a protection level of IP65



PTC-40F 一体式压力变送器 Integrated pressure transmitter

型号Model	PTC-40F
输出信号Output signal	I: 电流Current4~20mA V: 电压Voltage0.5~4.5V
量程Range	0~10bar、0~16bar、0~25bar
安装接口 Installation interface	G1/4、G3/8、可定制customizable
壳体材质Shell material	标准Standard: 201, 可定制customizable
引线长度Lead length	标准Standard: 250
功能Function	水泵控制器 Pump controller



PTC-45H 赫斯曼压力变送器 Hirschmann pressure transmitter

型号Model	PTC-45H
输出信号Output signal	I: 电流Current4~20mA V: 电压Voltage0.5~4.5V
量程Range	0~10...20...25bar
安装接口 Installation interface	标准Standard: G1/4、可定制customizable
壳体材质 Shell material	标准Standard: 304、可定制customizable
精度Accuracy	±1%FS
功能Function	加厚陶瓷压阻芯体、防护等级IP65、带缓冲螺钉 Ultra thin ceramic piezoresistive core, protection level IP65, with buffering screws
用途application	用于液体测量, 防护等级IP65 For liquid Measurement, protection grade IP65
散热片Heat sink	100~150℃ 选10片散热片, 150~300℃ 选15片散热片 100~150℃ select 10 heat sinks, 150~300℃ select 15 heat sinks



本系列产品采用全硅结构 MEMS 芯片, 可以实现环境温度-45℃~125℃, 多量程绝对压力的精确测量, 并与输出电压呈现较好的线性关系。该系列压力变送器具有体积小、可靠性高、封装多样化等优点。

This series of products adopts all silicon structured MEMS chips, which can achieve accurate measurement of external environmental temperature -45℃~125℃, multi range absolute pressure, and exhibit a good linear relationship with the output voltage. This series of pressure transmitters has the advantages of small size, high reliability, and diverse packaging.

特点Characteristic

进口MEMS芯片
Imported MEMS chips

充油结构
Oil filled structure

调理电路
Conditioning circuit

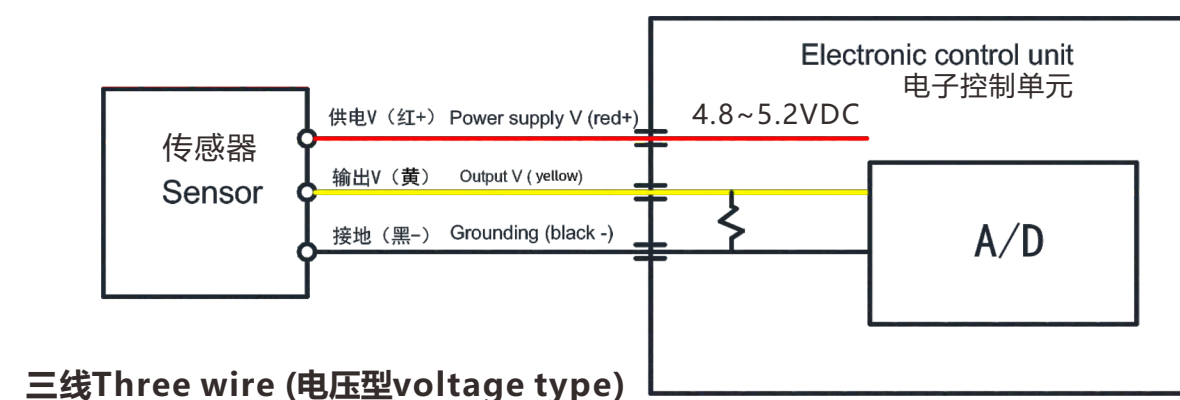
应用Application

变频空压机
Variable frequency air compressor

变频气压泵
Variable frequency pneumatic pump

变频水泵
Variable frequency water pump

电气连接图Electrical connection diagram



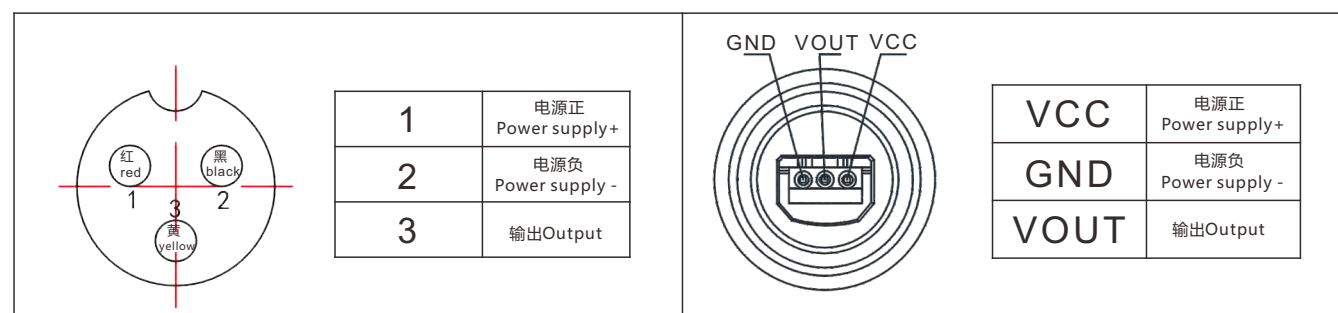
三线Three wire (电压型voltage type)



性能指标Performance

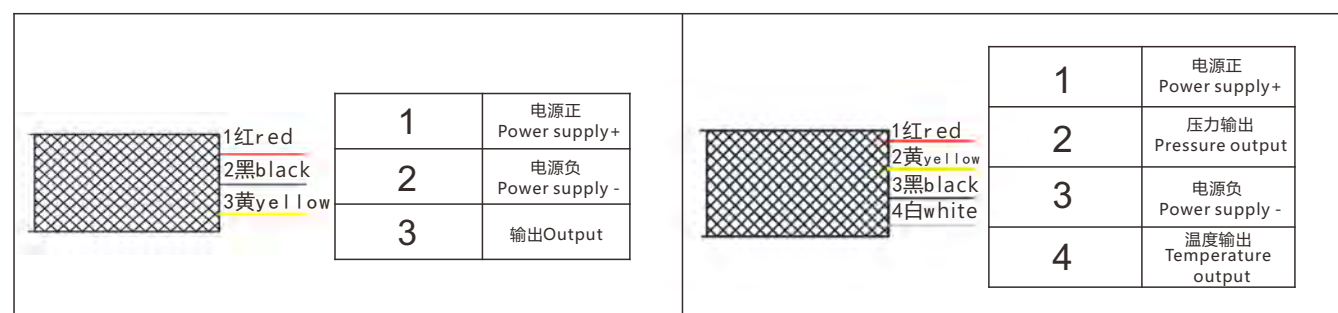
芯体 Core body	MEMS芯片Chip
测量范围 Measuring range	0~10bar
输出信号 Output signal	0.5~4.5V
常温精度 Room temperature accuracy	±1.0%FS
综合精度 Comprehensive accuracy	±4.0%FS
供电电源 Power supply	4.8~5.2V·DC
安全压力 Safety pressure	2.5倍满量程压力、2.5 times full scale pressure
介质温度 Medium temperature	-20~110℃
工作温度 Working temperature	-45~125℃
绝缘电阻 Insulation resistance	≥100MΩ (500V·DC)
长期稳定性 Long term stability	0.2%FS/年Year
响应时间 Response time	<1ms
温度补偿 Temperature compensation	无
储存温度 Storage temperature	-20~100℃

接线图Wiring diagram



PTC-30C、PTC-30D、PTC-33D 接线图Wiring diagram

PTC-33E 接线图Wiring diagram



PTC-30TP、PTC-33A、PTC-33B接线图Wiring diagram

PTC-30TP、PTC-33TP、PTC-33ET接线图Wiring diagram

PTC-30C 直型注塑分体式压力变送器 Straight injection split pressure transmitter

型号Model	PTC-30C
输出信号Output signal	0.5~4.5V
量程Range	0~10bar
安装接口 Installation interface	G1/4、G3/8、可定制customizable
壳体材质 Shell material	标准Standard:201、可定制customizable
引线长度Lead length	标准standard: 1000、可定制customizable
功能Function	用于智能泵、变频控制器、变频泵、独立多级泵, 防护等级IP54 Used for intelligent pumps, variable frequency controllers, variable frequency pumps, independent multi-stage pumps, with a protection level of IP54



PTC-30D 直角注塑分体式压力变送器 Right angle injection molded split type pressure transmitter

型号Model	PTC-30D
输出信号Output signal	0.5~4.5V
量程Range	0~10bar
安装接口 Installation interface	G1/4、G3/8、可定制customizable
壳体材质 Shell material	标准Standard:201、可定制customizable
引线长度Lead length	标准standard: 1000、可定制customizable
功能Function	用于智能泵、变频控制器、变频泵、独立多级泵, 防护等级IP54 Used for intelligent pumps, variable frequency controllers, variable frequency pumps, independent multi-stage pumps, with a protection level of IP54



PTC-33B 一体式压力变送器 Integrated pressure transmitter

型号Model	PTC-33B
输出信号Output signal	0.5~4.5V
量程Range	0~10bar
安装接口 Installation interface	G1/4、G3/8、可定制customizable
壳体材质 Shell material	标准Standard:201、可定制customizable
引线长度Lead length	标准standard: 450、可定制customizable
功能Function	用于智能泵、变频控制器、变频泵、独立多级泵, 防护等级IP65 Used for intelligent pumps, variable frequency controllers, variable frequency pumps, independent multi-stage pumps, with a protection level of IP65





PTC-30TP 温压一体式压力变送器
Temperature and pressure integrated pressure transmitter

型号Model	PTC-30TP
输出信号Output signal	0.5~4.5V
压力量程Pressure range	0~10bar
安装接口 Installation interface	G1/4、G3/8、可定制customizable
壳体材质 Shell material	标准Standard:201、可定制customizable
引线长度Lead length	标准standard: 1000、2000、可定制customizable
温度Temperature	10K、B值(B value): 3950
防护等级Protection grade	Ip54



PTC-33TP 温压一体式压力变送器
Temperature and pressure integrated pressure transmitter

型号Model	PTC-33TP
输出信号Output signal	0.5~4.5V
压力量程Pressure range	0~10bar
安装接口 Installation interface	G1/4、G3/8、可定制customizable
壳体材质 Shell material	标准Standard:201、可定制customizable
引线长度Lead length	标准standard: 450、750、可定制customizable
温度Temperature	10K、B值(B value): 3950
防护等级Protection grade	Ip65



PTC-33E 永磁变频水泵压力变送器
Permanent magnet variable frequency water pump pressure transmitter

型号Model	PTC-33E
输出信号Output signal	0.5~4.5V
量程Range	0~10bar
安装接口 Installation interface	嵌装Mount
壳体材质Shell material	H57-3
配套端子 Supporting terminals	XH2.54-3Y
功能Function	用于永磁变频水泵（介质液体）防护等级IP65 Used for permanent magnet variable frequency water pump (medium liquid) with a protection level of IP65



PTC-33A 真空泵压力变送器
Vacuum pump pressure transmitter

型号Model	PTC-33A
输出信号Output signal	0.5~4.5V
量程Range	-100~0Kpa
安装接口 Installation interface	M8*1, 可定制customizable
壳体材质 Shell material	H57-3
引线Lead wire	标准standard: 350



PTC-33D 螺纹型水泵压力变送器
Screw type water pump pressure transmitter

型号Model	PTC-33D
输出信号Output signal	0.5~4.5V
量程Range	0~10bar
安装接口 Installation interface	G1/4、可定制customizable
壳体材质 Shell material	标准Standard:201、可定制customizable
引线长度Lead length	标准standard: 200、可定制customizable
功能Function	用于水泵控制器 Used for water pump controller



PTC-33ET 温压一体压力变送器
Temperature pressure integrated pressure transmitter

型号Model	PTC-33ET
输出信号Output signal	0.5~4.5V
压力量程Pressure range	0~10bar
安装接口 Installation interface	嵌装Mount
壳体材质Shell material	标准Standard: H57-3、可定制customizable 201、304
温度Temperature	10K、B值(B value): 3950
引线长度Lead length	标准standard: 350
功能Function	用于永磁变频水泵（介质液体）防护等级IP65 Used for permanent magnet variable frequency water pump (medium liquid) with a protection level of IP65





本系列产品是采用先进技术生产的高精度小型化智能变送器。在转换原理上采用直接数字电容电路替代模拟信号放大电路及A/D转换电路。利用数字化补偿技术对温度、静压进行了补偿，提高了测量精度，降低了温度漂移。具有长期稳定性好、可靠性强、自诊能力强等特点。

This series of products is a high-precision miniaturized intelligent transmitter produced using advanced technology. In terms of conversion principle, direct digital capacitor circuits are used to replace analog signal amplification circuits and A/D conversion circuits. The digital compensation technology is used to compensate for temperature and static pressure, improving measurement accuracy and reducing temperature drift. It has the characteristics of good long-term stability, strong reliability, and strong self-diagnosis ability.

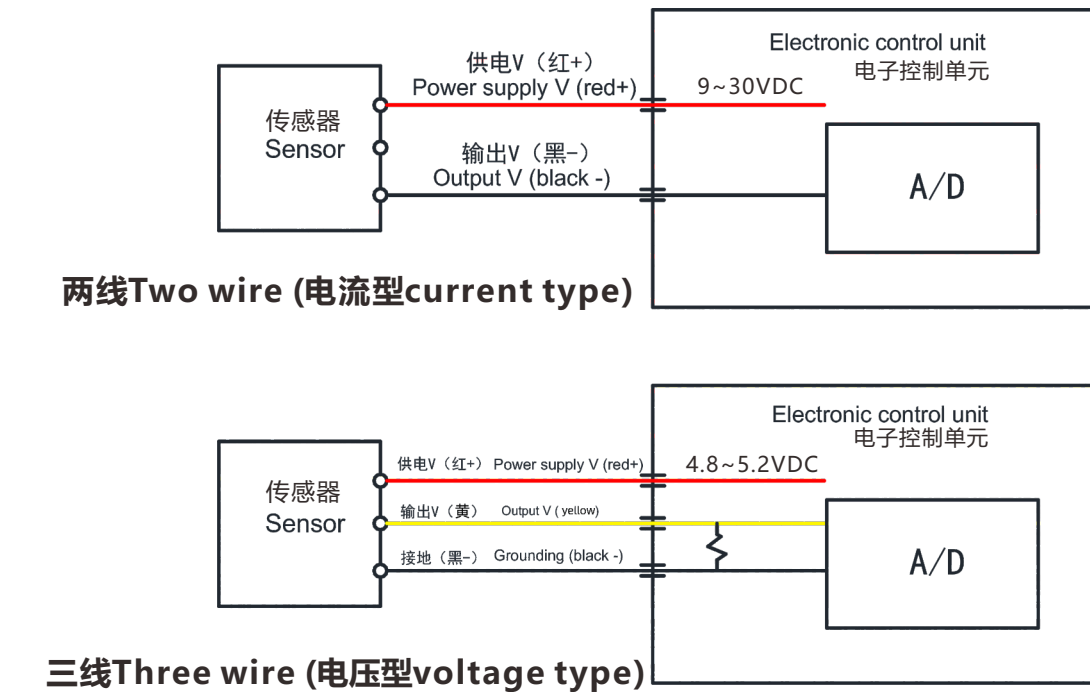
特点Characteristic



应用Application



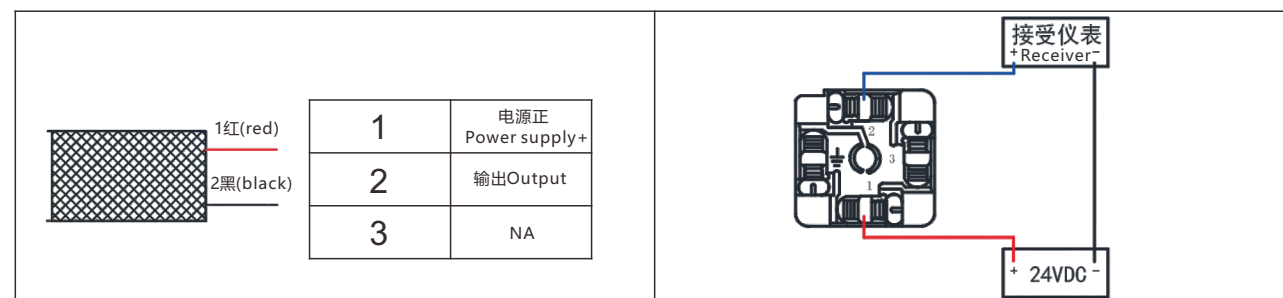
电气连接图Electrical connection



性能指标Performance

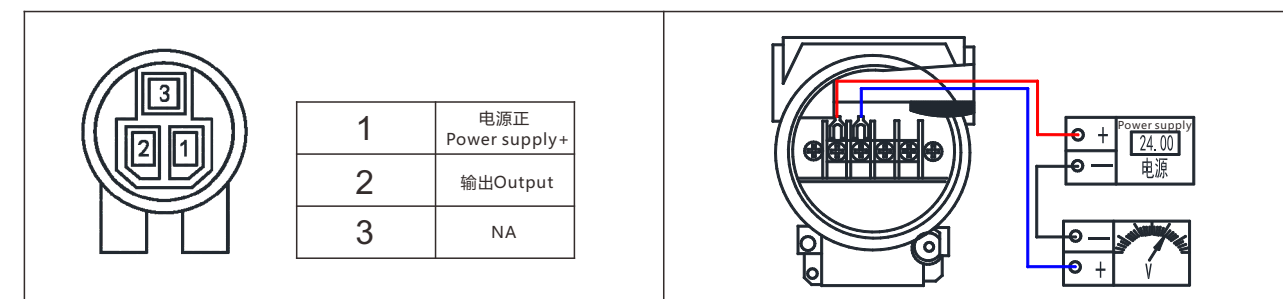
芯体 Core body	扩散硅Diffusion silicon
测量范围 Measuring range	$\pm (0.01\sim60)$ Mpa
输出信号 Output signal	4~20mA、0.5~4.5V、0~10V、RS485通讯协议Protocol、HART通讯协议Protocol
常温精度 Room temperature accuracy	扩散硅芯体 0.2%FS (电流Current)、0.5%FS (电压Voltage)、单晶硅芯体 0.075%FS
综合精度 Comprehensive accuracy	0.5%FS (电流Current)、1%FS (电压Voltage)
供电电源 Power supply	9~30 V·DC (电流Current)、5~30 V·DC (电压Voltage)
过载压力 Overload pressure	2倍满量程压力 2 times full scale pressure
介质温度 Medium temperature	-10~100℃
工作温度 Working temperature	-40~120℃
绝缘电阻 Insulation resistance	$\geq 100\text{M}\Omega$ (500V·DC)
长期稳定性 Long term stability	0.2%FS/年Year
响应时间 Response time	<1 ms
常规温补 Conventional temperature compensation	-10~70℃
高温温补 High temperature compensation	(BPM-TT) -20~100℃
储存温度 Storage temperature	-20~100℃
显示表头 Display header	精度0.5%, LCD5位显示, LED4位显示 Accuracy 0.5%, LCD 5-digit display, LED 4-digit display
显示单位 Display Unit	Mpa

接线图Wiring diagram



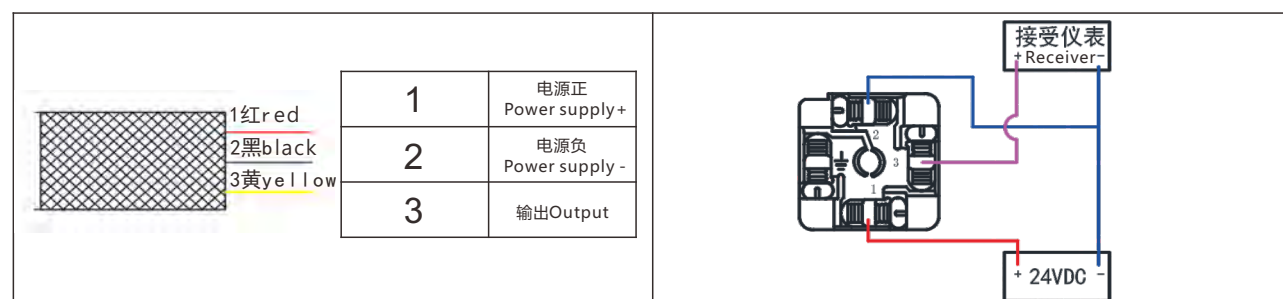
直接接线4-20mA接线图
Direct wiring 4-20mA wiring diagram

赫斯曼4-20mA接线图
Hirschmann 4-20mA wiring diagram



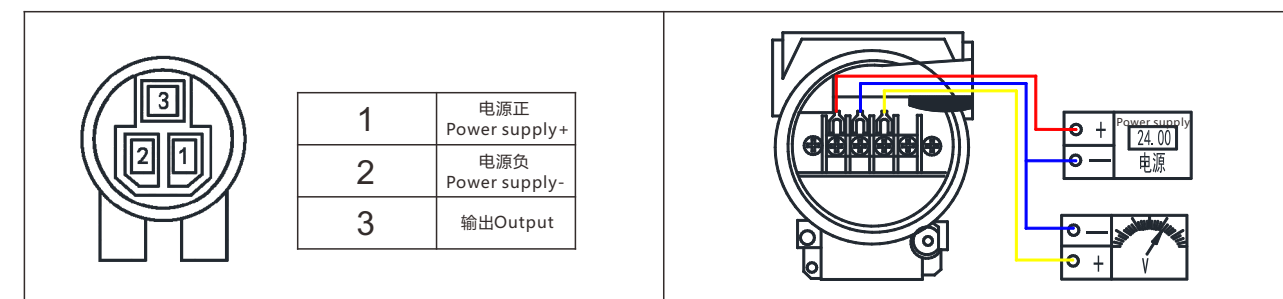
帕克接插件4-20mA接线图
Parker connector 4-20mA wiring diagram

接线盒4-20mA、HART接线图
Junction box 4-20mA/HART wiring diagram



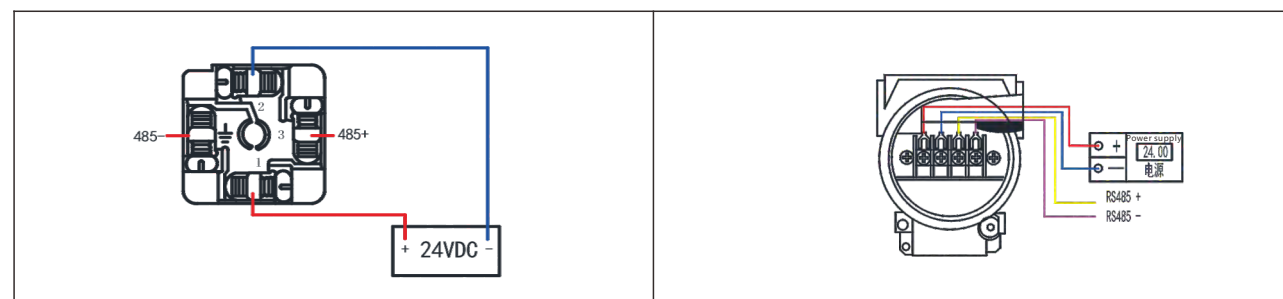
直接接线0.5-4.5V接线图
Direct wiring 0.5-4.5V wiring diagram

赫斯曼0.5-4.5V、0-10V接线图
Hirschmann 0.5-4.5V、0-10V wiring diagram



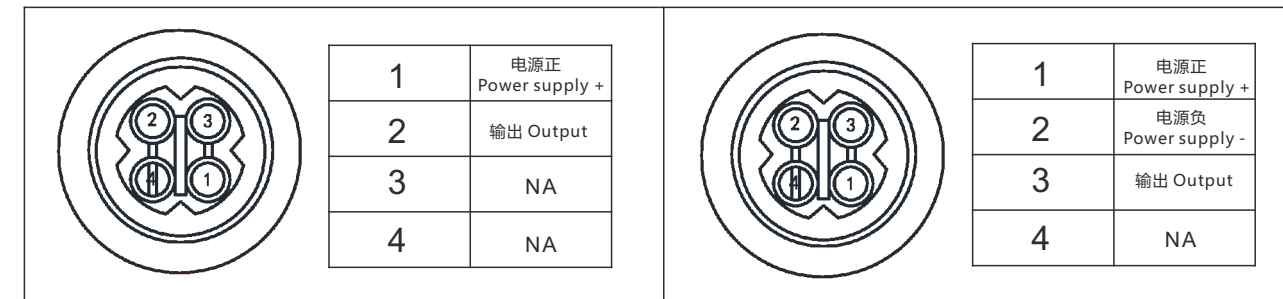
帕克接插件0.5V-4.5V接线图
Parker connector 0.5V-4.5V wiring diagram

接线盒0-10V接线图
Junction box 0-10V wiring diagram



赫斯曼RS485型接线图
Hirschmann RS485 wiring diagram

接线盒RS485型接线图
Junction box RS485 wiring diagram



卡口接插件电流型接线图
Current type wiring diagram for bayonet connectors

卡口接插件电压型接线图
Voltage type wiring diagram for bayonet connectors



PTC-60A 大赫斯曼扩散硅压力变送器
Large hirschmann diffusion silicon pressure transmitter

型号Model	PTC-60A
输出信号Output signal	I: 电流Current4~20mA V: 电压Voltage0.5~4.5V 、0~10V
量程Range	± (0.01~60) Mpa
安装接口 Installation interface	标准Standard: G1/4、M20*1.5、G1/2、可定制customizable
壳体材质Shell material	标准Standard: 304, 可定制customizable
引线长度Lead length	标准: 3米针型、可定制 Standard: 3-meter needle type, customizable
精度Accuracy	±0.5%FS (电流Current) 、±1%FS (电压Voltage)
防护等级Protection grade	IP65
温度补偿 Temperature compensation	常规温度芯体、高温温度芯体 Conventional temperature core, high temperature core



PTC-60B 小赫斯曼扩散硅压力变送器
Small hirschmann diffusion silicon pressure transmitter

型号Model	PTC-60B
输出信号Output signal	I: 电流Current4~20mA V: 电压Voltage0.5~4.5V
量程Range	± (0.01~60) Mpa
安装接口 Installation interface	标准Standard: G1/4、M20*1.5、G1/2、可定制customizable
壳体材质Shell material	标准Standard: 304, 可定制customizable
引线长度Lead length	标准: 3米针型、可定制 Standard: 3-meter needle type, customizable
精度Accuracy	±0.5%FS (电流Current) 、±1%FS (电压Voltage)
防护等级Protection grade	IP65
温度补偿 Temperature compensation	常规温度芯体、高温温度芯体 Conventional temperature core, high temperature core



PTC-60C 帕克插头扩散硅压力变送器
Parker plug diffusion silicon pressure transmitter

型号Model	PTC-60C
输出信号Output signal	I: 电流Current 4~20mA V: 电压Voltage 0.5~4.5V
量程Range	± (0.01~60) Mpa
安装接口 Installation interface	标准Standard: G1/4、M20*1.5、G1/2、可定制customizable
壳体材质Shell material	标准Standard: 304, 可定制customizable
引线长度Lead length	标准: 3米针型、可定制 Standard: 3-meter needle type, customizable
精度Accuracy	±0.5%FS (电流Current) 、±1%FS (电压Voltage)
防护等级Protection grade	IP65
温度补偿 Temperature compensation	常规温度芯体、高温温度芯体 Conventional temperature core, high temperature core



PTC-60M 航插式压力变送器
Aviation plug-in pressure transmitter

型号Model	PTC-60M
输出信号Output signal	I: 电流Current 4~20mA V: 电压Voltage 0.5~4.5V
量程Range	± (0.01~60) Mpa
安装接口 Installation interface	标准Standard: G1/4、M20*1.5、G1/2、可定制customizable
壳体材质Shell material	标准Standard: 304, 可定制customizable
引线长度Lead length	标准: 2米针型、可定制 Standard: 2-meter needle type, customizable
精度Accuracy	±0.2%FS (电流Current) 、±0.5%FS (电压Voltage)
防护等级Protection grade	IP54
温度补偿 Temperature compensation	常规温度芯体、高温温度芯体 Conventional temperature core, high temperature core



PTC-60D 带显示扩散硅压力变送器
Diffusion silicon pressure transmitter with display

型号Model	PTC-60D
输出信号Output signal	I: 电流Current 4~20mA V: 电压Voltage 0.5~4.5V 、0~10V
量程Range	± (0.01~60) Mpa
安装接口 Installation interface	标准Standard: G1/4、M20*1.5、G1/2、可定制customizable
壳体材质Shell material	标准Standard: 304, 可定制customizable
引线长度Lead length	标准: 3米针型、可定制 Standard: 3-meter needle type, customizable
精度Accuracy	±0.5%FS (电流Current) 、±1%FS (电压Voltage)
显示Display	LED3位显示,LCD4位显示 LED 3-digit display, LCD 4-digit display
防护等级Protection grade	IP65
温度补偿 Temperature compensation	常规温度芯体、高温温度芯体 Conventional temperature core, high temperature core



PTC-60E 高温扩散硅压力变送器
High temperature diffusion silicon pressure transmitter

型号Model	PTC-60E
输出信号Output signal	I: 电流Current 4~20mA V: 电压Voltage 0.5~4.5V
量程Range	± (0.01~60) Mpa
安装接口 Installation interface	标准Standard: G1/4、M20*1.5、G1/2、可定制customizable
壳体材质Shell material	标准Standard: 304, 可定制customizable
引线长度Lead length	标准: 3米针型、可定制 Standard: 3-meter needle type, customizable
精度Accuracy	±0.5%FS (电流Current) 、±1%FS (电压Voltage)
耐高温 High temperature resistance	300℃以内 Within 300℃
防护等级Protection grade	IP65
温度补偿 Temperature compensation	常规温度芯体、高温温度芯体 Conventional temperature core, high temperature core



PTC-60F 高温带显示扩散硅压力变送器
High temperature diffusion silicon pressure transmitter with display

型号Model	PTC-60F
输出信号Output signal	I: 电流Current 4~20mA V: 电压Voltage 0.5~4.5V
量程Range	0~20Kpa-100KPa-2Mpa
安装接口 Installation interface	标准Standard: G1/4、M20*1.5、G1/2、可定制customizable
壳体材质Shell material	标准Standard: 304, 可定制customizable
引线长度Lead length	标准: 3米针型、可定制 Standard: 3-meter needle type, customizable
精度Accuracy	±0.5%FS (电流Current) 、±1%FS (电压Voltage)
显示Display	LED3位显示,LCD4位显示 LED 3-digit display, LCD 4-digit display
耐高温 High temperature resistance	300℃以内 Within 300℃
防护等级Protection grade	IP65
温度补偿 Temperature compensation	常规温度芯体、高温温度芯体 Conventional temperature core, high temperature core





PTC-60G 一体式压力变送器
Integrated pressure transmitter

型号Model	PTC-60G
输出信号Output signal	I: 电流Current 4-20mA V: 电压Voltage 0.5~4.5V
量程Range	± (0.01~60) Mpa
安装接口 Installation interface	标准Standard: G1/4、M20*1.5、G1/2、可定制customizable
壳体材质Shell material	标准Standard: 304, 可定制customizable
引线长度Lead length	标准: 3米针型、可定制 Standard: 3-meter needle type, customizable
精度Accuracy	±0.5%FS (电流Current)、±1%FS (电压Voltage)
防护等级Protection grade	IP65
温度补偿 Temperature compensation	常规温度芯体、高温温度芯体 Conventional temperature core, high temperature core



PTC-60H 差压压力变送器
Differential pressure transmitter

型号Model	PTC-60H
输出信号Output signal	4-20mA、4-20mA+RS485、4-20mA+HART
压力类型Pressure type	差压Differential pressure
量程Range	± (0.01~60) Mpa
安装接口 Installation interface	标准Standard: G1/4、M20*1.5、G1/2、可定制customizable
壳体材质Shell material	标准Standard: 304, 可定制customizable
引线长度Lead length	标准: 3米针型、可定制 Standard: 3-meter needle type, customizable
精度Accuracy	0.5%FS(典型Typical)、0.3%FS、0.2%FS、0.1%FS
供电电源Power supply	12~24 V·DC
防护等级Protection grade	IP65
温度补偿 Temperature compensation	常规温度芯体、高温温度芯体 Conventional temperature core, high temperature core



PTC-60KF 卫生型平膜压力变送器
Sanitary flat film pressure transmitter

型号Model	PTC-60KF
输出信号Output signal	4-20mA、0~5V、0~10V
压力类型Pressure type	A: 绝压Absolute pressure、G: 表压Gauge pressure
量程Range	-100KPa~6Mpa
供电Power supply	12~24VDC
精度Accuracy	±0.5%FS
膜片Diaphragm	316L
防护等级Protection grade	IP65
安装接口 Installation interface	φ50.5卡箍 (可定制)、φ 50.5 clamps (customizable)
壳体材质Shell material	标准Standard: 304, 可定制customizable
引线长度Lead length	标准3米、可定制 Standard 3 meters, customizable
类别Category	LED数显表头可选LED digital display head optional
用途Application	与316L兼容各种气体和液体 Compatible with 316L for various gases and liquids
温度补偿 Temperature compensation	常规温度芯体、高温温度芯体 Conventional temperature core, high temperature core



PTC-60P 卡口接插件扩散硅压力变送器
Bayonet aviation connector diffusion silicon pressure transmitter

型号Model	PTC-60P
输出信号Output signal	I: 电流Current 4-20mA V: 电压Voltage 0.5~4.5V
量程Range	± (0.01~60) Mpa
安装接口 Installation interface	标准Standard: G1/4、M20*1.5、G1/2、可定制customizable
壳体材质Shell material	标准Standard: 304, 可定制customizable
引线长度Lead length	标准: 3米针型、可定制 Standard: 3-meter needle type, customizable
精度Accuracy	±0.5%FS (电流Current)、±1%FS (电压Voltage)
防护等级Protection grade	IP65
温度补偿 Temperature compensation	常规温度芯体、高温温度芯体 Conventional temperature core, high temperature core



PTC-803 螺纹型压力变送器
Screw type pressure transmitter

输出信号Output signal	4-20mA
通讯协议 Communication protocol	N: 无通讯、B: MODBUS协议 (RS485)、H: HART协议 N: No communication, B: MODBUS protocol (RS485) H: Hart protocol
显示Display	N: 无、E: LCD显示 (兰屏)、D: LED显示 (红色) N: None, E: LCD display (blue screen), D: LED display (red)
压力方式Pressure mode	A: 绝压Absolute pressure、G: 表压Gauge pressure
接液材质 Liquid receiving material	A:304、HL: 316L
精度Accuracy	±0.2%FS、±0.5%FS、±1%FS
类别Category	可选高温型, 适用介质300℃以内 Optional high-temperature type, suitable for media in 300 °C
防爆Explosion-proof	N: 非防爆型Non explosion-proof type、 I: 本安防爆型 Intrinsically safe explosion-proof type (ExIICT6) D: 隔爆型Explosion proof type (ExdIICT6) T: 粉尘防爆Dust explosion-proof (ExtDA20)
电气接口Electrical interface	M: M20*1.5、N: NPT 1/2"、G: G 1/2"
安装方式 Installation method	M: M20*1.5、G: G 1/2" (可定制customizable)
量程范围Range range	± (0.01~60) Mpa
防护等级Protection grade	IP65



PTC-804 法兰型压力变送器
Flange type pressure transmitter

输出信号Output signal	4-20mA
通讯协议 Communication protocol	N: 无通讯、B: MODBUS协议 (RS485)、H: HART协议 N: No communication, B: MODBUS protocol (RS485) H: Hart protocol
显示Display	N: 无、E: LCD显示 (兰屏)、D: LED显示 (红色) N: None, E: LCD display (blue screen), D: LED display (red)
压力方式Pressure mode	A: 绝压Absolute pressure、G: 表压Gauge pressure
接液材质 Liquid receiving material	A:304、HL: 316L
精度Accuracy	±0.2%FS、±0.5%FS、±1%FS
类别Category	可选高温型, 适用介质300℃以内 Optional high-temperature type, suitable for media in 300 °C
防爆Explosion-proof	N: 非防爆型Non explosion-proof type、 I: 本安防爆型 Intrinsically safe explosion-proof type (ExIICT6) D: 隔爆型Explosion proof type (ExdIICT6) T: 粉尘防爆Dust explosion-proof (ExtDA20)
电气接口Electrical interface	M: M20*1.5、N: NPT 1/2"、G: G 1/2"
安装方式 Installation method	法兰标准HG/T 20592-2009 (可定制) Flange standard HG/T 20592-2009 (customizable)
量程范围Range range	± (0.01~60) Mpa
防护等级Protection grade	IP65



PTC-805 卫生型平膜压力变送器
Sanitary flat film pressure transmitter

型号Model	PTC-805
输出信号Output signal	4-20mA、0~5V、0~10V
压力类型Pressure type	A: 绝压Absolute pressure、G: 表压Gauge pressure
量程Range	-100KPa~6Mpa
供电Power supply	12~24VDC
精度Accuracy	0.5%FS
膜片Diaphragm	316L
防护等级Protection level	IP65
安装接口 Installation interface	φ50.5卡箍 (可定制) φ 50.5 clamps (customizable)
引线长度Lead length	标准3米、可定制 Standard 3 meters, customizable
类别Category	LED数显表头可选 LED digital display head optional
用途Application	与316L兼容各种气体和液体Compatible with 316L for various gases and liquids
防护等级Protection grade	IP65





PTC-806 智能螺纹型压力变送器
Intelligent threaded pressure transmitter

型号 Model	PTC-806		
输出信号 Output signal	N: 4-20mA, H: 4-20mA+HART (通讯Communicate)		
压力方式 Pressure mode	A: 绝压Absolute pressure、G: 表压Gauge pressure		
接液材质 Liquid receiving material	A: 304、HL: 316L		
显示方式 Display method	E: LCD (兰屏Blue)、D: LED (红色Red)		
连接方式 Connection method	M: M20*1.5、G: G 1/2"(可定制Customizable)		
精度 Accuracy	±0.075%FS (单晶硅芯体Monocrystalline silicon core)		
防爆 Explosion-proof	N: 非防爆型Non explosion-proof type、 I: 本安防爆型Intrinsically safe explosion-proof type (ExIICT6) D: 隔爆型Explosion proof type (ExdIICT6) T: 粉尘防爆Dust explosion-proof (ExtDA20)		
电气接口 Electrical interface	M: M20*1.5、N: NPT 1/2"、G: G 1/2"		
量程范围 Measuring range	代码Code	表压量程 Gauge pressure range (KPa)	绝压量程 Absolute pressure range (KPa)
	A	1~6	6~40
	B	6~40	40~250
	C	40~250	250~20000
	D	250~2000	/
	E	2000~10000	
	F	10000~21000	
	G	10000~40000	



PTC-807 智能法兰型压力变送器
Intelligent flange pressure transmitter

型号 Model	PTC-807		
输出信号 Output signal	N: 4-20mA, H: 4-20mA+HART (通讯Communicate)		
压力方式 Pressure mode	A: 绝压Absolute pressure、G: 表压Gauge pressure		
显示方式 Display method	E: LCD (兰屏Blue)、D: LED (红色Red)		
连接方式 Connection method	HG/T 20592-2009(可定制Customizable)		
精度 Accuracy	±0.075%FS (单晶硅芯体Monocrystalline silicon core)		
膜片材质 Material of diaphragm	A: 304、H: 316、HC: HC276 M: 蒙乃尔合金Monel		
电气接口 Electrical interface	M: M20*1.5、N: NPT 1/2"、G: G 1/2"		
量程范围 Measuring range	代码Code	表压量程 Gauge pressure range (KPa)	绝压量程 Absolute pressure range (KPa)
	A	1~6	6~40
	B	6~40	40~250
	C	40~250	250~20000
	D	250~2000	/
	E	2000~10000	
	F	10000~21000	
	G	10000~40000	



PTC-808 智能差压型压力变送器
Intelligent differential pressure transmitter

型号 Model	PTC-808			
输出信号 Output signal	N: 4-20mA, H: 4-20mA+HART (通讯Communicate)			
显示方式 Display method	E: LCD (兰屏Blue)、D: LED (红色Red)			
精度 Accuracy	±0.075%FS (单晶硅芯体Monocrystalline silicon core)			
电气接口 Electrical interface	M: M20*1.5、N: NPT 1/2"、G: G 1/2"			
防爆 Explosion-proof	N: 非防爆型Non explosion-proof type、 I: 本安防爆型Intrinsically safe explosion-proof type (ExIICT6) D: 隔爆型Explosion proof type (ExdIICT6) T: 粉尘防爆Dust explosion-proof (ExtDA20)			
引压方式 Induced pressure method	代码Code	方式描述Method description		
	A1	NPT1/4 引压接头及后部焊接引压管 Φ14 NPT1/4 pressure joint and rear welded pressure pipe Φ14		
	A2	NPT1/2 锥管内螺纹腰型法兰 NPT1/2 tapered pipe internal thread waist flange		
	A3	丁字形外螺纹接头 M20*1.5 T-shaped external thread joint M20 * 1.5		
结构材质 Construction	A4	一体化三阀组 Integrated three valve group		
	代码Code	法兰结构 Flange structure	排液/排气 Drainage/exhaust	膜片 Diaphragm
	B1	304SS不锈钢	304SS不锈钢	316LSS不锈钢
	B2	316LSS不锈钢	316LSS不锈钢	316LSS不锈钢
	B3	316SS不锈钢	316SS不锈钢	哈氏合金HC
	B4	316SS不锈钢	316SS不锈钢	蒙乃尔合金 Monel
	B5	316SS不锈钢	316SS不锈钢	钽 Ta
	B6	哈氏合金 HC	哈氏合金 HC	哈氏合金 HC
	B7	哈氏合金 HC	哈氏合金 HC	钽 Ta
安装支架 Construction	B8	蒙乃尔合金 Monel	蒙乃尔合金 Monel	蒙乃尔合金 Monel
	代码Code	支架描述Bracket Description		
	C1	无安装支架No mounting bracket		
	C2	管装弯支架Pipe bending bracket		
	C3	板装弯支架Plate mounted bending bracket		
量程范围 Measuring range	C4	管装平支架Pipe mounted flat bracket		
	代码Code	量程Range (KPa)		
	A	0.1~1		
	B	1~6		
	C	6~40		
	D	40~400		
	E	400~4000		



液位变送器是对压力变送器技术的延伸和发展，根据不同比重的液体在不同高度所产生压力成线性关系的原理，实现对水、油及糊状物的液位高度的准确测量和传送。

The level transmitter is an extension and development of pressure transmitter technology. It uses the principle that different liquids with different specific gravities produce linear pressure at heights to accurately measure and transmit the level height of water, oil, and paste.

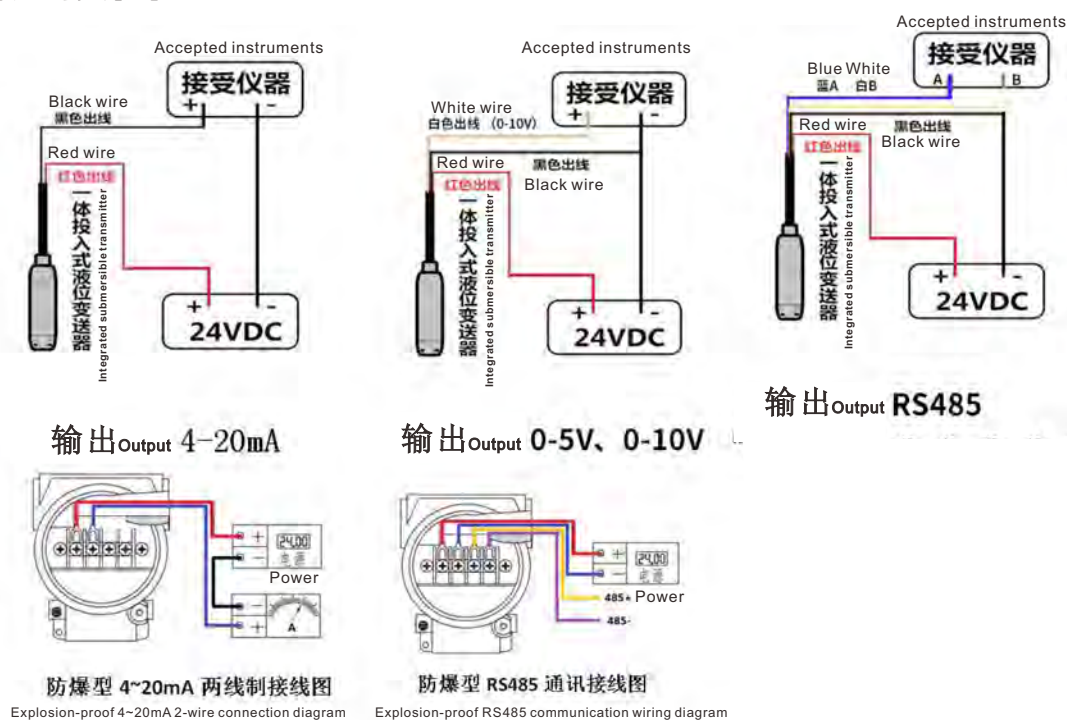
特点Characteristic

综合精度高 High comprehensive accuracy	测量范围广 Wide measurement range	稳定性好 High stability
安装方式多 Multiple installation methods	应用领域广 Wide application fields	使用寿命长 Long service life

应用Application

工程机械 Construction machinery	石油化工 Petrochemical industry	航空航天 Aeronautics and Astronautics
铁路交通 Railway transportation	智能建筑 Intelligent Building	水利水电 Water conservancy and hydropower

电气连接图



性能指标 Performance indicators

测量介质 Measurement medium	敞口容器中流质的液体（与接触材质兼容），可定制四氟防腐型 Liquid in open containers (compatible with contact materials), customizable with PTFE anti-corrosion type
工作方式 Way of working	静压式Static pressure type、投入式Input type
输出信号 Output signal	4-20mA、0~5V~10V、RS485
精度 Accuracy	0.5%FS、0.2%FS、0.1%FS、0.25%FS
量程 Range	0~0.5M~500M
接触材质 Contact material	膜片Diaphragm 316L、探头Probe 304、表壳Case 304
供电 Power supply	12~36 V·DC、5 V·DC
工作条件 Working conditions	介质温度：-10~50℃，环境温度：-20~60℃，温度补偿：-10~70℃ Medium temperature: -10~50 °C, ambient temperature: -20~60 °C, temperature compensation: -10~70 °C
抗震性能 Seismic performance	10g (20...2000Hz)
高频定制 High frequency customization	1200Hz、2400Hz
稳定性能 Stability performance	±0.1%FS/年Year
温度漂移 Temperature drift	±0.2%FS/℃ (温度补偿范围内Within the temperature compensation range)
防护等级 Protection grade	IP68



PTC-501 无显示型液位变送器
Non-display type level transmitter

型号Model	PTC-501
输出信号Output signal	4-20mA, 0~5VDC, 0~10VDC, RS485
量程Range	0~500m
工作方式Working method	投入式Input type
接触材质Contact material	标准Standard: 304、可定制customizable 316
功能Function	用于对水、油及糊状物的液位高度的准确测量和传送 Accurate measurement and transmission of water, oil, and paste liquid level heights
温度Temperature	可选optional



PTC-501D 堵漏式无显示型液位变送器
Leak proof non display liquid level transmitter

型号Model	PTC-501D
输出信号Output signal	4-20mA, 0~5VDC, 0~10VDC, RS485
量程Range	0~500m
工作方式Working method	投入式Input type
接触材质Contact material	标准Standard: 304、可定制customizable 316
功能Function	用于对水、油及糊状物的液位高度的准确测量和传送，堵漏式 Accurate measurement and transmission of water, oil, and paste liquid level heights, leak sealing type
温度Temperature	可选optional



PTC-502 带显示型液位变送器
Level transmitter with display

型号Model	PTC-502
输出信号Output signal	4-20mA, 0~5VDC, 0~10VDC, RS485
量程Range	0~500m
工作方式Working method	投入式Input type
接触材质Contact material	标准Standard: 304、可定制customizable 316
功能Function	用于对水、油及糊状物的液位高度的准确测量和传送 Accurate measurement and transmission of water, oil, and paste liquid level heights



PTC-503 无显示防腐型液位变送器
Non-display corrosion-resistant level transmitter

型号Model	PTC-503
输出信号Output signal	4-20mA, 0~5VDC, 0~10VDC, RS485
量程Range	0~500m
工作方式Working method	投入式Input type
接触材质Contact material	PTFE
功能Function	用于对水、油及糊状物的液位高度的准确测量和传送 Accurate measurement and transmission of water, oil, and paste liquid level heights



PTC-504 带显示防腐型液位变送器
Diffusion silicon pressure transmitter with display

型号Model	PTC-504
输出信号Output signal	4-20mA, 0~5VDC, 0~10VDC, RS485
量程Range	0~500m
工作方式Working method	投入式Input type
接触材质Contact material	PTFE
功能Function	用于对水、油及糊状物的液位高度的准确测量和传送 Accurate measurement and transmission of water, oil, and paste liquid level heights



PTC-505 带显示直杆型液位变送器
Level transmitter with display rod type

型号Model	PTC-505
输出信号Output signal	4-20mA, 0~5VDC, 0~10VDC, RS485
量程Range	0~0.5m
工作方式Working method	静压式Hydrostatic
接触材质Contact material	标准Standard: 304、可定制customizable 316
功能Function	用于对水、油及糊状物的液位高度的准确测量和传送 Accurate measurement and transmission of water, oil, and paste liquid level heights





保护管型热电偶热电阻

Protective tube type thermocouple thermistor

类别 Category	热电偶Thermocouples、热电阻Thermistors
测量范围 Measuring range	热电偶Thermocouples: -200~1600℃ 热电阻Thermistors: -200~650℃
测量精度 Measurement accuracy	热电偶Thermocouples: 1级Grade、2级Grade 热电阻Thermistors: AA级Grade、A级Grade、B级Grade
接液材质 Liquid receiving material	304、316、可定制Customizable
防爆等级 Explosion proof level	ExdIICT1~CT6、ExialICT5~CT6
安装方式 Installation method	螺纹Thread、法兰Flange、可定制Customizable
防护等级 Protection level	IP65~IP68



加强管型热电偶热电阻

Reinforcement tube type thermocouple thermistor

类别 Category	热电偶Thermocouples、热电阻Thermistors
测量范围 Measuring range	热电偶Thermocouples: -200~1600℃ 热电阻Thermistors: -200~650℃
测量精度 Measurement accuracy	热电偶Thermocouples: 1级Grade、2级Grade 热电阻Thermistors: AA级Grade、A级Grade、B级Grade
接液材质 Liquid receiving material	304、316、可定制Customizable
防爆等级 Explosion proof level	ExdIICT1~CT6、ExialICT5~CT6
安装方式 Installation method	螺纹Thread、法兰Flange、可定制Customizable
防护等级 Protection level	IP65~IP68



铠装型热电偶热电阻

Armored thermocouple thermistor

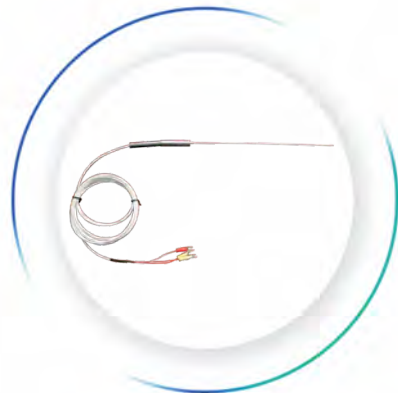
类别 Category	热电偶Thermocouples、热电阻Thermistors
测量范围 Measuring range	热电偶Thermocouples: -200~1600℃ 热电阻Thermistors: -200~650℃
测量精度 Measurement accuracy	热电偶Thermocouples: 1级Grade、2级Grade 热电阻Thermistors: AA级Grade、A级Grade、B级Grade
接液材质 Liquid receiving material	304、316、可定制Customizable
防爆等级 Explosion proof level	ExdIICT1~CT6、ExialICT5~CT6
安装方式 Installation method	螺纹Thread、法兰Flange、可定制Customizable
防护等级 Protection level	IP65~IP68



导线型热电偶热电阻

Wire type thermocouple thermistor

类别 Category	热电偶Thermocouples、热电阻Thermistors
测量范围 Measuring range	热电偶Thermocouples: -200~1600℃ 热电阻Thermistors: -200~650℃
测量精度 Measurement accuracy	热电偶Thermocouples: 1级Grade、2级Grade 热电阻Thermistors: AA级Grade、A级Grade、B级Grade
接液材质 Liquid receiving material	304、316、可定制Customizable
防爆等级 Explosion proof level	ExdIICT1~CT6、ExialICT5~CT6
安装方式 Installation method	螺纹Thread、法兰Flange、可定制Customizable
防护等级 Protection level	IP65~IP68



耐腐型热电偶热电阻

Corrosion resistant thermocouple thermistor

类别 Category	热电偶Thermocouples、热电阻Thermistors
测量范围 Measuring range	-200~1300℃ (非金属管Non metallic pipes: -200~260℃)
测量精度 Measurement accuracy	热电偶Thermocouples: 1级Grade、2级Grade 热电阻Thermistors: AA级Grade、A级Grade、B级Grade
接液材质 Liquid receiving material	金属管材质Metal tube materials: 304、316、可定制Customizable 非金属管材质Non-metallic tube materials: PTFE、F46、PFA
防爆等级 Explosion proof level	ExdIICT1~CT6、ExialICT5~CT6
安装方式 Installation method	螺纹Thread、法兰Flange、可定制Customizable
防护等级 Protection level	IP65~IP68



小铂铑热电偶

Small platinum rhodium thermocouple

分度号 Graduation	S、R、B
测量范围 Measuring range	0~1600℃
测量精度 Measurement accuracy	±0.6℃或0.4%t
接液材质 Liquid receiving material	刚玉Corundum
安装方式 Installation method	螺纹Thread、法兰Flange、可定制Customizable
防护等级 Protection level	IP65~IP68



真空炉热电偶

Vacuum furnace thermocouple

分度号 Graduation	K、N
测量范围 Measuring range	0~1300℃
测量精度 Measurement accuracy	1级Grade、2级Grade
接液材质 Liquid receiving material	304、310S、NFC600、GH3039、刚玉Corundum
连接方式 Connection method	插头、导线、可定制 Plug, wire, customizable



抱箍式热电偶热电阻

Clamp type thermocouple thermistor

分度号 Graduation	K、Pt100
测量范围 Measuring range	-200~800℃
测量精度 Measurement accuracy	热电偶Thermocouples: 1级Grade、2级Grade 热电阻Thermistors: A级Grade、B级Grade
接液材质 Liquid receiving material	20#、304、316、可定制可定制Customizable
安装方式 Installation method	抱箍Hoop
防护等级 Protection level	IP65~IP68





电力行业热电偶热电阻

Thermocouples and thermistors in the power industry

分度号 Graduation	K、Pt100
测量范围 Measuring range	-200~800℃
测量精度 Measurement accuracy	热电偶Thermocouples: 1级Grade、2级Grade 热电阻Thermistors: A级Grade、B级Grade
接液材质 Liquid receiving material	20#、304、316、可定制Customizable
安装方式 Installation method	焊接Welding、螺纹固定Threaded fixation
防护等级 Protection level	IP65~IP68



钢铁行业热电偶热电阻

Thermocouples and thermistors in the steel industry

类别 Category	热电偶Thermocouples、热电阻Thermistors
测量范围 Measuring range	热电偶Thermocouples: -200~1600℃ 热电阻Thermistors: -200~650℃
测量精度 Measurement accuracy	热电偶Thermocouples: 1级Grade、2级Grade 热电阻Thermistors: AA级Grade、A级Grade、B级Grade
接液材质 Liquid receiving material	304、316、可定制Customizable
防爆等级 Explosion proof level	ExdIICT1~CT6、ExialICT5~CT6
安装方式 Installation method	螺纹Thread、法兰Flange、可定制Customizable
防护等级 Protection level	IP65~IP68



锅炉炉壁型热电偶热电阻

Boiler wall type thermocouple thermal resistance

分度号 Graduation	K、Pt100
测量范围 Measuring range	-200~800℃
测量精度 Measurement accuracy	热电偶Thermocouples: 1级Grade、2级Grade 热电阻Thermistors: A级Grade、B级Grade
接液材质 Liquid receiving material	20#、304、316、可定制Customizable
安装方式 Installation method	贴片Patch
防护等级 Protection level	IP65~IP68



烘箱型热电偶热电阻

Oven type thermocouple thermistor

分度号 Graduation	K、Pt100
测量范围 Measuring range	0~400℃
测量精度 Measurement accuracy	热电偶Thermocouples: 1级Grade、2级Grade 热电阻Thermistors: A级Grade、B级Grade
接液材质 Liquid receiving material	304、316
安装方式 Installation method	固定螺纹Fixed thread M12×1



石油化工行业热电偶热电阻

Thermocouples and thermistors in the petrochemical industry

类别 Category	热电偶Thermocouples、热电阻Thermistors
测量范围 Measuring range	热电偶Thermocouples: -200~1600℃ 热电阻Thermistors: -200~650℃
测量精度 Measurement accuracy	热电偶Thermocouples: 1级Grade、2级Grade 热电阻Thermistors: AA级Grade、A级Grade、B级Grade
接液材质 Liquid receiving material	304、316、可定制Customizable
防爆等级 Explosion proof level	ExdIICT1~CT6、ExialICT5~CT6
安装方式 Installation method	螺纹Thread、法兰Flange、可定制Customizable
防护等级 Protection level	IP65~IP68



轮胎专用型热电偶

Tire specific thermocouple

分度号 Graduation	J
测量范围 Measuring range	0~400℃
测量精度 Measurement accuracy	1级Grade、2级Grade
接液材质 Liquid receiving material	钴基合金Cobalt-base alloys
安装方式 Installation method	螺纹Thread、法兰Flange、可定制Customizable
防护等级 Protection level	IP65~IP68



工业炉热电偶

Industrial furnace thermocouple

分度号 Graduation	K、N、S
测量范围 Measuring range	0~1300℃
测量精度 Measurement accuracy	±0.6℃或0.4%t
接液材质 Liquid receiving material	321、310S、NFC600、刚玉Corundum
安装方式 Installation method	螺纹Thread、法兰Flange、可定制Customizable
防护等级 Protection level	IP65~IP68



炉温均匀性测试热电偶

Furnace temperature uniformity test thermocouple

分度号 Graduation	K、N
测量范围 Measuring range	0~1300℃
测量精度 Measurement accuracy	±1.1℃或0.4%t
接液材质 Liquid receiving material	304、310S、NFC600、GH3039
连接方式 Connection method	插头Plug、导线Wire、可定制Customizable





耐磨型热电偶热电阻

Wear resistant thermocouple thermistor

类别 Category	热电偶Thermocouples、热电阻Thermistors
测量范围 Measuring range	热电偶Thermocouples: -200~1600℃ 热电阻Thermistors: -200~650℃
测量精度 Measurement accuracy	热电偶Thermocouples: 1级Grade、2级Grade 热电阻Thermistors: AA级Grade、A级Grade、B级Grade
接液材质 Liquid receiving material	HW合金材料 (HW alloy material)
安装方式 Installation method	螺纹Thread、法兰Flange、可定制Customizable
防护等级 Protection level	IP65~IP68



垃圾燃烧炉型热电偶

Garbage combustion furnace type thermocouple

分度号 Graduation	K、N、S
测量范围 Measuring range	0~1300℃
测量精度 Measurement accuracy	1级Grade、2级Grade
接液材质 Liquid receiving material	LS、GM
安装方式 Installation method	螺纹Thread、法兰Flange、可定制Customizable
防护等级 Protection level	IP65



汽车台架测试热电偶

Car bench test thermocouple

分度号 Graduation	K、N
测量范围 Measuring range	0~1300℃
测量精度 Measurement accuracy	1级Grade、2级Grade
接液材质 Liquid receiving material	304、316、310、NFC600、GH3039
安装方式 Installation method	螺纹Thread、可定制Customizable



热量表配对热电阻

Heat meter paired thermistor

分度号 Graduation	Pt1000
测量范围 Measuring range	-50~150℃
测量精度 Measurement accuracy	热电阻Thermistors: A级Grade、B级Grade
接液材质 Liquid receiving material	304、316、可定制Customizable
安装方式 Installation method	螺纹Thread、可定制Customizable
防护等级 Protection level	IP65~IP68



汽车排温热电阻

Automotive exhaust temperature thermistor

分度号 Graduation	Pt100、Pt1000、PT500
测量范围 Measuring range	-50~1000℃
测量精度 Measurement accuracy	±2.5℃ 或 (OR) 0.9%t
接液材质 Liquid receiving material	310S
安装方式 Installation method	M14×1.5、M12×1.5、可定制Customizable



电机轴承热电阻

Motor bearing thermal resistance

分度号 Graduation	Pt100、Pt1000
测量范围 Measuring range	-50~150℃
测量精度 Measurement accuracy	A级Grade、B级Grade
接液材质 Liquid receiving material	聚氨酯Polyurethane
出线方式 Wiring method	二线、三线、四线 Two line, third line, four line



直角法兰热电偶热电阻

Right-angle flange thermocouple thermal resistor

类别 Category	热电偶Thermocouples、热电阻Thermistors
测量范围 Measuring range	热电偶Thermocouples: -200~1600℃ 热电阻Thermistors: -200~650℃
测量精度 Measurement accuracy	热电偶Thermocouples: 1级Grade、2级Grade 热电阻Thermistors: AA级Grade、A级Grade、B级Grade
接液材质 Liquid receiving material	304、316、可定制Customizable
防爆等级 Explosion proof level	ExdIICT1~CT6、ExiaIICT5~CT6
安装方式 Installation method	螺纹Thread、法兰Flange、可定制Customizable
防护等级 Protection level	IP65~IP68



空调及制冷热电阻

Air conditioning and refrigeration thermistors

分度号 Graduation	Pt100、Pt1000、Pt500
测量范围 Measuring range	-200~200℃
测量精度 Measurement accuracy	AA级Grade、A级Grade、B级Grade
接液材质 Liquid receiving material	304、316
防爆等级 Explosion proof level	ExdIICT1~CT6
安装方式 Installation method	螺纹Thread、法兰Flange、可定制Customizable
防护等级 Protection level	IP65





多点型热电偶热电阻

Multipoint thermocouple thermistor

分度号 Graduation	K、Pt100
测量范围 Measuring range	热电偶Thermocouples: -200~1600℃ 热电阻Thermistors: -200~650℃
测量精度 Measurement accuracy	热电偶Thermocouples: 1级Grade、2级Grade 热电阻Thermistors: A级Grade、B级Grade
接液材质 Liquid receiving material	304、316、可定制Customizable
防爆等级 Explosion proof level	ExdIICT1~CT6、ExialICT5~CT6
安装方式 Installation method	螺纹Thread、法兰Flange、可定制Customizable
防护等级 Protection level	IP65



磨温机专用热电偶热电阻

Thermocouple thermistor for grinding temperature machine

分度号 Graduation	Pt100、4-20mA
测量范围 Measuring range	-50~300℃
测量精度 Measurement accuracy	AA级Grade、A级Grade、B级Grade
接液材质 Liquid receiving material	304、316
安装方式 Installation method	螺纹Thread、可定制Customizable
防护等级 Protection level	IP65



电站辅机型热电阻

Thermal resistance of power station auxiliary equipment

分度号 Graduation	Pt100、Pt1000
测量范围 Measuring range	-50~400℃
测量精度 Measurement accuracy	A级Grade、B级Grade
接液材质 Liquid receiving material	304、316、可定制Customizable
安装方式 Installation method	螺纹Thread、可定制Customizable
防护等级 Protection level	IP65



塑料接插件型热电阻

Plastic connector type thermal resistance

分度号 Graduation	Pt100、Pt1000
测量范围 Measuring range	-200~650℃
测量精度 Measurement accuracy	A级Grade、B级Grade
接液材质 Liquid receiving material	304、316、可定制Customizable
安装方式 Installation method	螺纹Thread、可定制Customizable
防护等级 Protection level	IP65~IP68



内置电源型热电偶热电阻

Built in power type thermocouple thermistor

分度号 Graduation	Pt100、Pt1000、4-20mA
测量范围 Measuring range	-200~600℃
测量精度 Measurement accuracy	热电阻Thermistors: 0.25%、热电偶Thermocouples: 1%
接液材质 Liquid receiving material	304、316、可定制Customizable
安装方式 Installation method	螺纹Thread、可定制Customizable



食品专用热电阻

Food specific thermistor

分度号 Graduation	Pt100、Pt1000
测量范围 Measuring range	-50~200℃
测量精度 Measurement accuracy	AA级Grade、A级Grade、B级Grade
接液材质 Liquid receiving material	304、316
防爆等级 Explosion proof level	ExdIICT1~CT6
安装方式 Installation method	螺纹、壁挂、卫生型卡盘、可定制 Thread, wall mounted, sanitary chuck, customizable
防护等级 Protection level	IP54、IP65



淬铝铜液测试热电偶

Quenched aluminum copper liquid testing thermocouple

分度号 Graduation	K、N、S
测量范围 Measuring range	0~1100℃
测量精度 Measurement accuracy	1级Grade、2级Grade
接液材质 Liquid receiving material	刚玉Corundum、Sic-Nic
安装方式 Installation method	螺纹Thread、法兰Flange、可定制Customizable
防护等级 Protection level	IP65



金属接插件型热电阻

Metal connector type thermal resistance

分度号 Graduation	Pt100、Pt1000
测量范围 Measuring range	-200~650℃
测量精度 Measurement accuracy	A级Grade、B级Grade
接液材质 Liquid receiving material	304、316、可定制Customizable
安装方式 Installation method	螺纹Thread、可定制Customizable
防护等级 Protection level	IP65~IP68

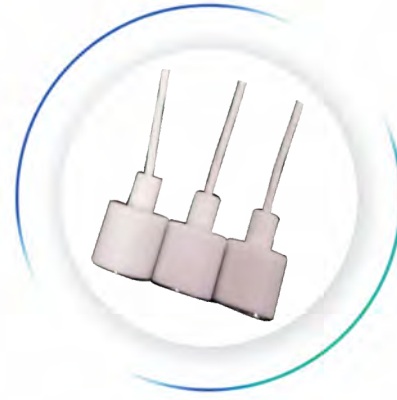




磁铁式热电偶热电阻

Magnetic thermocouple thermistor

分度号 Graduation	K、J、T、Pt100、Pt1000
测量范围 Measuring range	-200~200℃
测量精度 Measurement accuracy	热电偶Thermocouples: 1级Grade、2级Grade 热电阻Thermistors: A级Grade、B级Grade
接液材质 Liquid receiving material	304、316、可定制Customizable
安装方式 Installation method	螺纹Thread、法兰Flange、可定制Customizable



注塑机型热电偶热电阻

Magnetic thermocouple thermistor

分度号 Graduation	K、E、T、J、Pt100、Pt1000
测量范围 Measuring range	-200~400℃
测量精度 Measurement accuracy	热电偶Thermocouples: 1级Grade、2级Grade 热电阻Thermistors: A级Grade、B级Grade
接液材质 Liquid receiving material	304、316、可定制Customizable
安装方式 Installation method	螺纹Thread、可定制Customizable



贴片热电阻

Patch type thermal resistor

分度号 Graduation	K、J、T、Pt100、Pt1000
测量范围 Measuring range	-200~200℃
测量精度 Measurement accuracy	热电偶Thermocouples: 1级Grade、2级Grade 热电阻Thermistors: AA级Grade、A级Grade、B级Grade
接液材质 Liquid receiving material	304、316、可定制Customizable
安装方式 Installation method	螺纹Thread、可定制Customizable



带测量孔型热电阻

Measuring hole type thermal resistor

分度号 Graduation	Pt100、Pt1000
测量范围 Measuring range	-200~650℃
测量精度 Measurement accuracy	A级Grade、B级Grade
接液材质 Liquid receiving material	304、316、可定制Customizable
安装方式 Installation method	螺纹Thread、可定制Customizable
防护等级 Protection level	IP65~IP68



制药行业热电阻

Thermistors in the pharmaceutical industry

分度号 Graduation	Pt100、Pt1000
测量范围 Measuring range	-200~150℃
测量精度 Measurement accuracy	AA级Grade、A级Grade、B级Grade
接液材质 Liquid receiving material	304、316
出线方式 Wiring method	六线、八线 Six line, eight line
防护等级 Protection level	IP68



一体式热电阻

Integrated thermal resistor

型号 Model	WZPK-291
分度号 Graduation	PT100、PT1000
测量范围 Measuring range	-50~150℃
测量精度 Measurement accuracy	B级Grade
接液材质 Liquid receiving material	304
安装方式 Installation method	螺纹Thread、可定制Customizable



分体式热电阻

Split thermal resistor

型号 Model	WZPK-261T
分度号 Graduation	PT100、PT1000
测量范围 Measuring range	-50~150℃
测量精度 Measurement accuracy	B级Grade
接液材质 Liquid receiving material	304
安装方式 Installation method	螺纹Thread、可定制Customizable

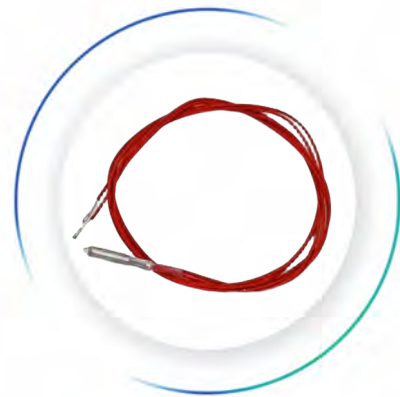




电机热电阻

Motor thermal resistance

型号 Model	WZP-014S
分度号 Graduation	PT100
测量范围 Measuring range	-50~150℃
测量精度 Measurement accuracy	B级Grade
接液材质 Liquid receiving material	PTFE



端面热电阻

End face thermal resistor

型号 Model	WZP-407
分度号 Graduation	PT100
测量范围 Measuring range	-50~150℃
测量精度 Measurement accuracy	B级Grade
接液材质 Liquid receiving material	304



分体式铜电阻

Split type copper resistor

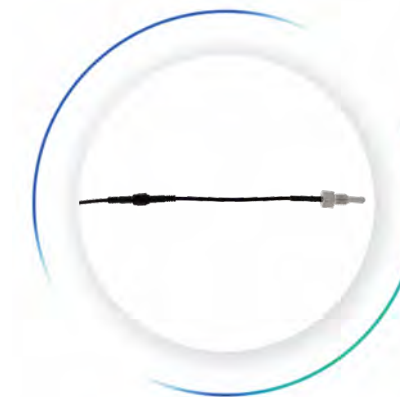
型号 Model	WZCK-261
分度号 Graduation	CU50
测量范围 Measuring range	-50~150℃
测量精度 Measurement accuracy	B级Grade
接液材质 Liquid receiving material	304
安装方式 Installation method	螺纹Thread、可定制Customizable



注塑分体式热电阻

Injection molded split thermal resistor

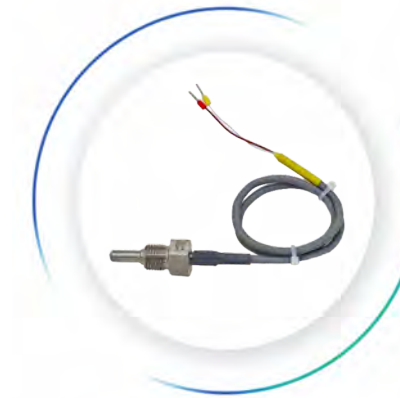
型号 Model	WZPK-281
分度号 Graduation	PT100
测量范围 Measuring range	-50~150℃
测量精度 Measurement accuracy	B级Grade
接液材质 Liquid receiving material	304
安装方式 Installation method	螺纹Thread、可定制Customizable



中温热电阻

Medium temperature thermal resistor

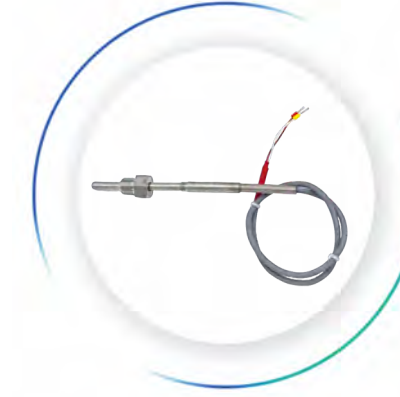
型号 Model	WZPK-291ZW
分度号 Graduation	PT100
测量范围 Measuring range	-50~200℃
测量精度 Measurement accuracy	B级Grade
接液材质 Liquid receiving material	304
安装方式 Installation method	螺纹Thread、可定制Customizable



高温热电阻

High temperature thermal resistor

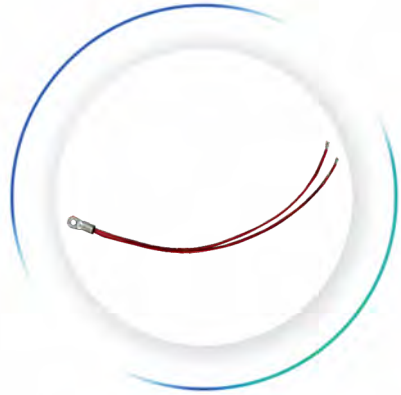
型号 Model	WZPK-291GW
分度号 Graduation	PT100
测量范围 Measuring range	-50~420℃
测量精度 Measurement accuracy	B级Grade
接液材质 Liquid receiving material	304
安装方式 Installation method	螺纹Thread、可定制Customizable





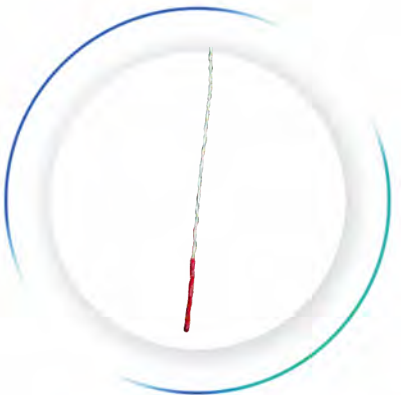
热敏电阻温度传感器
Thermistor temperature sensor

型号 Model	NTC-B25
电阻 Resistance	R25
B值 B value	3976K±0.5%
温度 Temperature	-60~150℃
引线 Wire	AWG22,160mm
安装 Install	贴片式Chip M3



热敏电阻温度传感器
Thermistor temperature sensor

型号 Model	NTC-B10
电阻 Resistance	10K
B值 B value	3950
精度 Accuracy	1%
温度 Temperature	-50~150℃
引线 Wire	胶合线Glued wire, 包胶Encapsulation adhesive



水泵温度传感器
Water pump temperature sensor

型号 Model	CX-MF52A
电阻 Resistance	10K
B值 B value	3950
精度 Accuracy	1%
温度 Temperature	-50~150℃
引线 Wire	L=400
安装方式 Installation method	M8



水泵贴片温度传感器
Water pump patch temperature sensor

型号 Model	CX-MF52B
电阻 Resistance	10K
B值 B value	3950
精度 Accuracy	1%
温度 Temperature	-50~150℃
引线 Wire	L=400
安装方式 Installation method	贴片Chip M4



温度变送模块
Temperature transmission module

类别 Category	热电偶、热电阻全系列 Thermocouple and thermistor series
测量范围 Measuring range	热电偶Thermocouple: -200~1600℃ 热电阻Thermal resistance: -200~650℃
测量精度 Measurement accuracy	0.1%FS、0.2%FS、0.5%FS
输出信号 Output signal	4-20mA、HART通讯Communicate
防爆等级 Explosion proof level	本安型Intrinsically safe type ExiaIICT5



轨道式温度变送模块
Track type temperature transmission module

型号 Model	SBW□-2□66
输出信号 Output signal	4-20mA
测量范围 Measuring range	-200℃~1600℃
测量精度 Measurement accuracy	热电阻: 最高±0.1%/FS、热电偶: 最高±0.2%/FS Thermal resistance: maximum ± 0.1%/FS Thermocouple: maximum ± 0.2%/FS
防护等级 Protection grade	IP20



万能轨道式温度变送器
Universal track type temperature transmitter

型号 Model	CXR-20□系列Series
输出信号 Output signal	4-20mA
测量范围 Measuring range	-200℃~1600℃
测量精度 Measurement accuracy	热电偶Thermocouple: ±0.5℃ 热电阻Thermal resistance: ±0.1℃
防护等级 Protection grade	IP20



小型现场温度显示传感器
Small on-site temperature display sensor

输出信号 Output signal	4-20mA
测量范围 Measuring range	-200~600℃内、可以定制 Within -200~600 °C, customizable
测量精度 Measurement accuracy	0.5%FS
接液材质 Liquid receiving material	304、316、可定制Customizable
安装方式 Installation method	螺纹Thread、可定制Customizable
显示精度 Display accuracy	0.5%FS
显示位数 Display number of digits	四位 Four digit
显示方式 Display method	LED显示 Display





赫斯曼无显示温度传感器

Hirschmann no display temperature sensor

输出信号 Output signal	4-20mA
测量范围 Measuring range	-200~600℃
测量精度 Measurement accuracy	0.5%FS
接液材质 Liquid receiving material	304、316、可定制Customizable
安装方式 Installation method	螺纹Thread、可定制Customizable
显示精度 Display accuracy	0.5%FS



赫斯曼带显示温度传感器

Hirschmann temperature sensor with display

输出信号 Output signal	4-20mA
测量范围 Measuring range	-200~600℃
测量精度 Measurement accuracy	0.5%FS
接液材质 Liquid receiving material	304、316、可定制Customizable
安装方式 Installation method	螺纹Thread、可定制Customizable
显示精度 Display accuracy	0.5%FS
显示位数 Display number of digits	四位 Four digit
显示方式 Display method	LED显示 Display



SBW一体化温度变送器

SBW integrated temperature transmitter

输出信号 Output signal	4-20mA、HART通讯Communicate
测量范围 Measuring range	热电偶Thermocouples: -200~1600℃ 热电阻Thermistors: -200~650℃
测量精度 Measurement accuracy	0.2%FS、0.5%FS
接液材质 Liquid receiving material	304、316、可定制Customizable
防爆等级 Explosion proof level	ExdIICT1~CT6、ExialIIC6
安装方式 Installation method	螺纹Thread、法兰Flange、可定制Customizable
防护等级 Protection level	IP65~IP68



无线温度传感器

Wireless temperature sensor

类别 Category	热电偶、热电阻全系列 Complete series of thermocouples and thermal resistors
测量范围 Measuring range	热电偶Thermocouples: -200~1600℃ 热电阻Thermistors: -200~650℃
测量精度 Measurement accuracy	0.2级Grade
接液材质 Liquid receiving material	304、316、可定制Customizable
防爆等级 Explosion proof level	ExdIICT1~CT6、ExialIIC6
安装方式 Installation method	螺纹Thread、法兰Flange、可定制Customizable
防护等级 Protection level	IP65



普通双金属温度计

Ordinary bimetallic thermometer

测量范围 Measuring range	-80~600℃
测量精度 Measurement accuracy	1.5级Grade、1.0级Grade、0.5级Grade
结构 Structure	轴向Axial、径向Radial、万向Universal
接液材质 Liquid receiving material	304、316
安装方式 Installation method	螺纹Thread、法兰Flange、可定制Customizable
防护等级 Protection level	IP65



一体化双金属温度计

Integrated bimetallic thermometer

分度号 Graduation	Pt100、4-20mA
测量范围 Measuring range	-80~600℃
测量精度 Measurement accuracy	双金属Bimetallic: 1.5级Grade、1.0级Grade、0.5级Grade PT100: A级Grade、B级Grade
结构 Structure	轴向Axial、径向Radial、万向Universal
接液材质 Liquid receiving material	304、316
防爆等级 Explosion proof level	ExdIICT1~CT6、ExialIIC5~CT6
安装方式 Installation method	螺纹Thread、法兰Flange、可定制Customizable
防护等级 Protection level	IP65



电接点双金属温度计

Electrical contact bimetal thermometer

测量范围 Measuring range	-80~600℃
测量精度 Measurement accuracy	1.5级Grade
接液材质 Liquid receiving material	304、316
防爆等级 Explosion proof level	ExdIIBT1~BT6、ExdIICT1~CT6、ExialIIC5~CT6
安装方式 Installation method	M27*2、可定制Grade
防护等级 Protection level	IP65





半钢耐震压力表

Semi steel seismic pressure gauge

型号 Model	YNC-[1]A-[2]
表盘直径 (1) Dial diameter (1)	40、50、60
安装方式 (2) Installation method (2)	无: 径向, Z: 轴向, ZT: 轴向带前边, ZH: 轴向带安装支架 None: radial, Z: axial, ZT: axial with front edge ZH: axial with mounting bracket
量程范围 Range range	0~40bar
安装尺寸 Installation dimensions	G1/4、R1/4、可定制Customizable
测量精度 Measurement accuracy	±2.5级Grade
填充介质 Filling medium	甘油Glycerol
防护等级 Protection level	IP54



不锈钢耐震压力表

Stainless steel shockproof pressure gauge

型号 Model	Y[1]C-[2]-[3]-[4]
结构 (1) Structure (1)	无: 不锈钢压力表, N: 耐震不锈钢压力表 None: Stainless steel pressure gauge, N: Shock resistant stainless steel pressure gauge
表盘直径 (2) Dial diameter (2)	40、50、60、100、150、200、250
材质 (3) Material (3)	B:304、BF: 316
安装方式 (4) Installation method (4)	无: 径向, Z: 轴向, ZT: 轴向带前边, ZH: 轴向带安装支架 None: radial, Z: axial, ZT: axial with front edge ZH: axial with mounting bracket
量程范围 Range range	0.1~0~60Mpa(φ60:0.1~0~60Mpa)
安装尺寸 Installation dimensions	M14*1.5、(φ60) M20*1.5、可定制Customizable
测量精度 Measurement accuracy	±1.6级 (60表盘为2.5级) ± 1.6 level (2.5 level for 60 dial)
填充介质 Filling medium	硅油Silicone oil
防护等级 Protection level	IP54



不锈钢膜盒（耐震）压力表

Stainless steel diaphragm box (shock resistant) pressure gauge

型号 Model	YE[1]C-[2]-[3]-[4]
结构 (1) Structure (1)	无: 不锈钢压力表, N: 耐震不锈钢压力表 None: Stainless steel pressure gauge N: Shock resistant stainless steel pressure gauge
表盘直径 (2) Dial diameter (2)	100、150
材质 (3) Material (3)	B:304、BF: 316
安装方式 (4) Installation method (4)	无: 径向, Z: 轴向, ZT: 轴向带前边, None: radial, Z: axial, ZT: axial with front edge
量程范围 Range range	1~60Kpa
安装尺寸 Installation dimensions	M20*1.5、可定制Customizable
测量精度 Measurement accuracy	±0.5%
填充介质 Filling medium	硅油 (量程≥10Kpa可选耐震型) Silicone oil (range ≥ 10Kpa, optional shock resistant type)
防护等级 Protection level	IP66



不锈钢膜片（耐震）压力表

Stainless steel diaphragm (shock resistant) pressure gauge

型号 Model	YPF[1] C-[2]-[3]-[4]
结构 (1) Structure (1)	无: 不锈钢压力表, N: 耐震不锈钢压力表 None: Stainless steel pressure gauge N: Shock resistant stainless steel pressure gauge
表盘直径 (2) Dial diameter (2)	100、150
材质 (3) Material (3)	B:304、BF: 316
安装方式 (4) Installation method (4)	MG、MF
量程范围 Range range	1~60Kpa、0.1~2.5Mpa
安装尺寸 Installation dimensions	M20*1.5、可定制Customizable
测量精度 Measurement accuracy	±1.6%、耐震型Seismic resistant type ±2.5%
填充介质 Filling medium	硅油 (量程≥10Kpa可选耐震型) Silicone oil (range ≥ 10Kpa, optional shock resistant type)
防护等级 Protection level	IP66



隔膜压力表

Diaphragm pressure gauge

型号 Model	[1] - [2] - [3]
结构 (1) Structure (1)	对应选项压力表系列【Y(N)C】 Corresponding option pressure gauge series【Y(N)C】
连接器代号 (2) Connector code (2)	Z: 直接式 (被测介质温度<80℃) Z: Direct (measured medium temperature<80 °C)
	ZN: 阻尼器 (被测介质温度<80℃) ZN: damper (measured medium temperature<80 °C)
	SR: 散热器 (被测介质温度<200℃) SR: Radiator (measured medium temperature<200 °C)
	YL: 硬管连接 (被测介质温度<200℃) YL: Hard tube connection (measured medium temperature<200 °C)
	RL1、2、4: 软管连接 (软管长1、2、4m) RL1, 2, 4: hose connection (hose length 1, 2, 4m)
	GL: 角形连接 (被测介质温度<150℃) GL: Angular connection (measured medium temperature<150 °C)
隔离器连接体 (3) Isolator connector (3)	GZL: 过载保护器 (被测介质温度<80℃) GZL: Overload protector (measured medium temperature<80 °C)
	ML: 螺纹型 (≤100MPa) ML: threaded type (≤ 100MPa)
	MF1: 工字形法兰 (≤4MPa) MF1: I-shaped flange (≤ 4MPa)
	MF2: 敞开式法兰 (≤25MPa) MF2: Open flange (≤ 25MPa)
	MF3: 角度可调式 MF3: Angle adjustable
	MF4: 探入式 (0.1~25MPa) MF4: probing type (0.1-25MPa)
	MF5: 卡子式 (卫生型) (0.1~2.5MPa) MF5: Clip type (sanitary type) (0.1-2.5MPa)
	MF6: 螺母式 (卫生型) (0.1~2.5MPa) MF6: Nut type (sanitary type) (0.1-2.5MPa)
	MF7: 焊接一体式 (4~100MPa) MF7: Welding integrated (4-100MPa)
	MF8: 管道型 MF8: Pipeline type
注: 选型时需注明量程、精度、安装尺寸、隔膜片材质和本体材质 Note: When selecting, it is necessary to indicate the range, accuracy, installation size, diaphragm material, and body material	

