

CS-PT300G冷水机组/储能机组压力传感器

Chilled Water Screw Units / Energy Storage Units Pressure Sensor



铜管
Copper Pipe



内螺纹
Internal Thread



外螺纹
External Thread



防水出线
Waterproof Cable
Outlet



M12
M12



- ★ 高过载、高爆破
High Overload & Burst Pressure
- ★ 全焊接结构
All Welded Structure
- ★ 无O型圈，无泄漏风险
No O-rings, No Leakage Risks
- ★ 防冷凝水
Anti-condensation Water
- ★ 正反向过电压
Forward and Reverse Overvoltage
- ★ 高精度
High Accuracy



Energy Storage Units



Chilled Water
Screw Units

Centrifugal
Refrigeration Units

Water Source
Heat Pump Units

Ground Source
Heat Pump Units

Industrial
Chiller Units

Multi-split
Air Conditioner

Precision Air Conditioning
for Machine Room

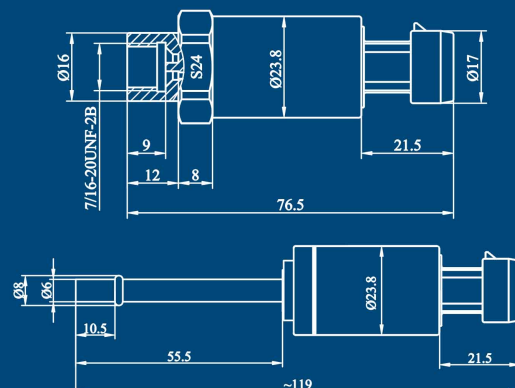
Inter Row
Air Conditioning

Air Source
Heat Pump

应用领域 Application Area

储能机组
冷水螺杆机组
冷水离心机组
水源热泵机组
地源热泵机组
工业冷冻机组
多联机
精密机房空调
列间空调
空气源热泵

PRESSURE SENSOR



压力范围
Pressure Range -1~10...50bar

精度
Accuracy 0.5%F.S.

供电电源
Power Supply 10~30VDC
5±0.25VDC

输出信号
Output Signal 4~20mA、
0.5~4.5V Ratio Voltage

工作温度
Operating Temperature -40℃~125℃

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Xi'an Chinastar M&C Ltd

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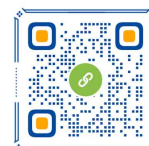
西安市高新区上林苑四路1309号A座6层
F6,Building A,No.1309 Shanglinyuan 4 Road,xi'an,China

+86-29-88325620

+86-29-88237768

sales@websensor.com

710119



公司官网
Official Website



微信公众号
WeChat Official Account

CS-PT1800 热泵/多联机压力传感器

Heat Pump/Multi-split Air Conditioner Pressure Sensor



- ★ 线性好，温漂小
Good Linearity, Small Temperature Drift
- ★ 高过载
High Overload Pressure
- ★ 全密封，防冷凝水
Fully Sealed, Anti-condensation
- ★ 防护等级IP67
Protection Level IP67
- ★ 正反向过电压
Forward and Reverse Overvoltage
- ★ 高绝缘强度：1800VAC@1s
High Insulation Strength: 1800VAC@1s
- ★ 优异的抗电磁干扰性能
Excellent Electromagnetic Resistance Ability



Multi-split
Air Conditioner

Air Source
Heat Pump

Modular Unit

Unit Plant

Precision Air Conditioning
for Machine Room

Inter Row
Air Conditioning



应用领域
Application Area

多联机

空气源热泵

模块机

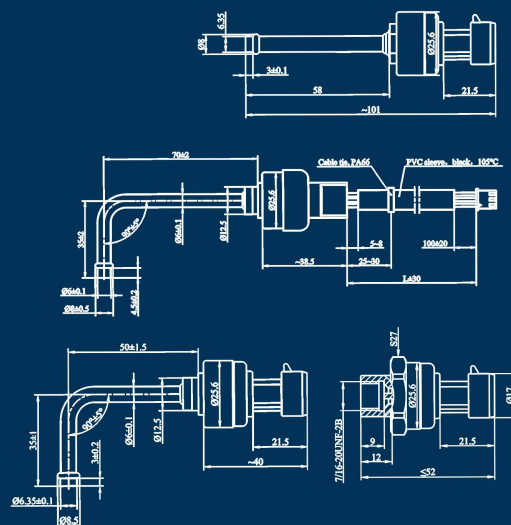
单元机

精密机房空调

列间空调

PRESSURE SENSOR

产品尺寸图
DIMENSIONAL DRAWING



压力范围 Pressure Range -1~10...50bar

精度 Accuracy 1.5%F.S.

供电电源 Power Supply 5±0.25VDC

输出信号 Output Signal 0.5~4.5V Ratio Voltage

工作温度 Operating Temperature -35℃~120℃

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CS-PT300M 冷冻机组压力系列

CS-PT300M Refrigeration Unit Pressure Transmitter

**Hot
SALE!**



- ★ 高过载、高爆破
High Overload & Burst Pressure
- ★ 全焊接结构，无O型圈，无泄漏风险
All Welded Construction, No O-rings, No Leakage Risk
- ★ 防冷凝水
Anti-condensation Water
- ★ 正反向过电压
Forward and Reverse Overvoltage
- ★ 宽温区
Wide Temperature Range
- ★ 优异的抗电磁干扰性能
Excellent Electromagnetic Immune Ability

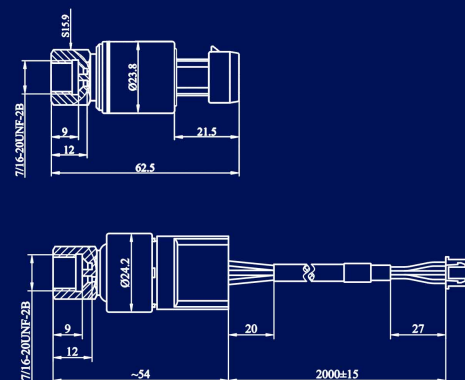


应用领域 Application Area

Industrial Chiller Units
Multi-split Air Conditioner
Air Source Heat Pump
Interrow Refrigeration
Air Conditioning
Data Center Cooling Unit

工业冷冻机组
多联机
空气源热泵
列间空调
精密机房空调

PRESSURE TRANSMITTER



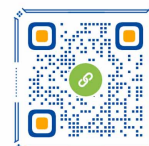
压力范围 Pressure Range	-1~10...50bar
过载压力 Overload Pressure	300%F.S.(≤105bar)
爆破压力 Burst Pressure	500%F.S.(≤175bar)
精度 Accuracy	1%F.S.
供电电源 Power Supply	5±0.25VDC
输出信号 Output Signal	0.5~4.5V Ratio Voltage
介质温度 Medium Temperature	-40℃~125℃

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F6,Building A,No.1309 Shanglinyuan 4 Road,xi'an,China

+86-29-88325620 +86-29-88237768
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CS-PT1350二氧化碳制冷机组压力变送器

CS-PT1350 CO₂ Compressor Bundle Pressure Transmitter



CS-PT1350是专为二氧化碳制冷机组而开发的压力变送器，铜管焊接安装，产品具有高过载，高爆破，耐高温，耐盐雾，耐静电和正反向过电压，抗电磁干扰等特点，完全适用于二氧化碳制冷机组的特殊需求。

CS-PT1350 pressure transmitter is a pressure transmitter specially developed for carbon dioxide refrigeration units, copper pipe welding installation, the product has high overload, high blasting, high temperature resistance, salt fog resistance, static electricity resistance and forward and reverse overvoltage, anti-electromagnetic interference and other characteristics, fully suitable for the special needs of carbon dioxide refrigeration units.

产品特点 Features

- ★ 大量程 最高可达250bar
Large range Up to 250bar
- ★ 高过载
High Over-load
- ★ 压力接口: $\phi 6 \times 60$ (铜管)
Pressure Connections: $\phi 6 \times 60$ (Copper Pipes)
- ★ 抗电磁兼容性强
Strong Electromagnetic Compatibility
- ★ 适合大批量生产
Suitable for Mass Production
- ★ 测量准确、性价比高
Accurate Measurement & High Cost Performance

应用 Applications

- ★ 多联机
Multi-split Air Conditioner
- ★ 二氧化碳机组
CO₂ Compressor Bundle
- ★ 测量和控制技术
Measurement & Control Technology
- ★ 液压和气动技术
Hydraulic and Pneumatic Technology
- ★ 泵和压缩机
Pump and Compressor

压力范围 Pressure Range	-1~5...250bar
精度 Accuracy	±1.0%F.S.
供电电源 Power Supply	8~36 VDC
输出信号 Output Signal	4~20mA
工作温度 Operating Temperature	-30℃~115℃



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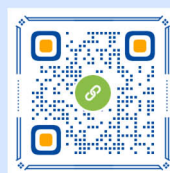
4000292168

陕西省西安市高新区上林苑四路1309号A座6层
F6, Building A, No. 1309 Shanglinyuan 4 Road, Xi'an, China

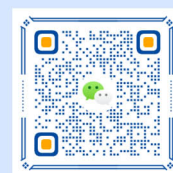
sales@websensor.com 710119

+86-29-88325620

+86-29-88237768



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Website



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CS-iWPT301无线蓝牙压力温度传感器

CS-iWPT301 Wireless Bluetooth Pressure & Temperature Sensor



CS-iWPT301无线蓝牙温度压力变送器具有高精度、高质量、体积小、安装方便、使用简单、性价比高特点，主要应用领域包括供暖、输油、输气等输送管道等设施的温度、压力采集并通过蓝牙传输。配合蓝牙主机接收使用，可通过手机APP监测采集数据。

CS-iWPT301 Wireless Bluetooth Temperature and Pressure Transmitter is characterized by high accuracy, high quality, small size, easy installation, simple use, high cost performance, etc. The main application areas include temperature and pressure collection and transmission via Bluetooth for facilities such as heating, oil, gas and other transmission pipelines. With the use of Bluetooth host reception, you can monitor the collection of data through the cell phone APP.

产品特点 Features

- ★ 支持1路压力、多路温度同时测量
Simultaneous measurement of 1-way pressure and multi-way temperature
- ★ 支持锂电池或外部电源供电
Lithium battery or external power supply
- ★ 支持采样和发送时间间隔设置
Sampling and sending interval configurable
- ★ 支持上下限报警阈值设置
Upper and lower limit alarm threshold configurable
- ★ 支持APP读取监测数据或蓝牙转RS485网关获取数据
Support APP to read monitoring data or Bluetooth to RS485 gateway to get data

应用 Applications

- ★ 冷媒压力监测
Refrigerant Pressure Monitoring
- ★ 供暖管道
Heating Pipeline
- ★ 输油管道
Oil Pipeline
- ★ 输气管道
Gas pipeline



主要参数 Parameter

压力范围 Pressure Range	0~0.4...100MPa	传输方式 Communication Mode	Bluetooth 4.2
压力精度 Pressure Accuracy	±1.0%F.S.	供电方式 Power Supply	3.6VDC Lithium Battery 8~30VDC External Power
温度量程 Temperature Range	-50℃~150℃	电池寿命 Battery Life	>3 Year
温度精度 Temperature Accuracy	±1.0℃	压力接头 Pressure Connections	7/16-20UNF

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4000292168

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F6, Building A, No. 1309 Shanglinyuan 4 Road, Xi'an, China

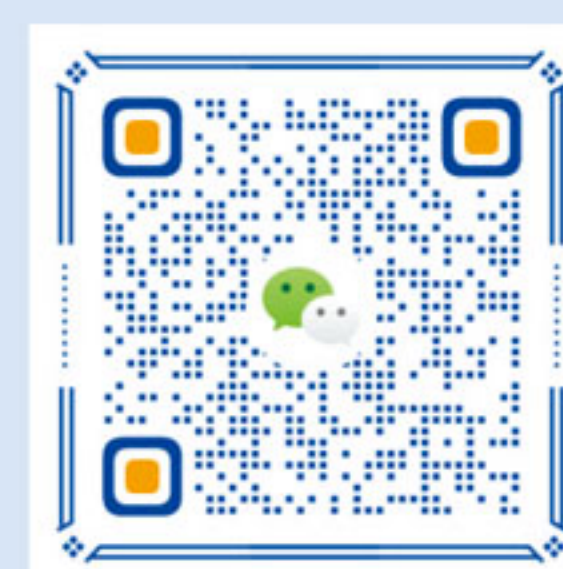
sales@websensor.com 710119

+86-29-88325620

+86-29-88237768



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CS-PT1801冷水机组压力传感器

CS-PT1801 Chilled Water Screw Units Pressure Sensor



CS-PT1801型压力变送器是专为冷媒压力测量而开发的压力变送器,可实现绝压真空或密封表压为基准的压力测量。该产品可承受较大的破坏压力,同时还具有工作温度下精度高、防水等级高、抗冷凝水等优点,是冷媒压力测量的理想选择。

CS-PT1801 pressure transmitter is a pressure transmitter developed specifically for refrigerant pressure measurement, which can achieve pressure measurement based on absolute pressure vacuum or sealed gauge pressure. This product can withstand large destructive pressures, and also has advantages such as high accuracy at working temperature, high waterproof grade, and resistance to condensation water, making it an ideal choice for refrigerant pressure measurement.

产品特点 Features

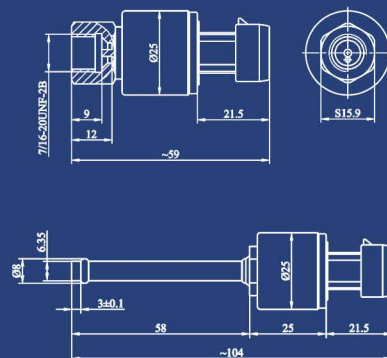
- ★ 线性好,温漂小
Good Linearity, Small Temperature Drift
- ★ 高过载
High Overload Pressure
- ★ 全密封,防冷凝水
Fully Sealed, Anti-condensation
- ★ 防护等级IP67
Protection Level Ip67
- ★ 正反向过电压
Forward & Reverse Overvoltage

应用 Applications

- ★ 冷水螺杆机组
Chilled Water Screw Units
- ★ 水源热泵机组
Water Source Heat Pump Units
- ★ 地源热泵机组
Ground Source Heat Pump Units



压力范围 Pressure Range	-1~10...50bar
精度 Accuracy	±0.6%F.S., ±1.0%F.S.
供电电源 Power Supply	8-30VDC
输出信号 Output Signal	4-20mA
工作温度 Operating Temperature	-35°C~120°C
压力接头 Pressure Connections	7/16-20UNF-2B φ6.35 Copper Pipe



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☎ 4000292168

📍 陕西省西安市高新区上林苑四路1309号A座6层
F6, Building A, No. 1309 Shanglinyuan 4 Road, Xi'an, China

✉ sales@websensor.com 📠 710119

📞 +86-29-88325620

📞 +86-29-88237768



官网
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CS-WPT300G高精度压力温度一体变送器

CS-WPT300G High Accuracy Pressure and Temperature Integrated Transmitter



CS-WPT300G 全焊接结构制冷压力温度一体变送器广泛应用于空调、冷冻和热泵系统。工业标准的4~20mA信号输出，国际上通用的电气连接件和压力接口、全焊接结构，防冷凝水，适用于冷媒压力、温度测量领域。

CS-WPT300G Pressure & Temperature Integrated Transmitter for the refrigeration with fully welded structure is widely used in air condition, refrigeration and the heat pump systems. Industry standard 4~20mA signal output, international electrical connectors and the pressure ports, all-welded structure, anti-condensation, suitable for the field of refrigerant pressure & temperature measurement.

产品特点 Features

- ★ 压力温度一体
Pressure & Temperature Transmitter
- ★ 高精度
High Accuracy
- ★ 双路4~20mA输出
Dual-channel 4~20mA Output
- ★ 密封表压
Sealed Gauge
- ★ 全焊接结构
All-welded Structure
- ★ 防冷凝水
Anti-condensation Water
- ★ 正反向过电压
Forward & Reverse Overvoltage

压力范围 Pressure Range	-1~10...50bar
温度范围 Temperature Range	-40℃~125℃
精度 Accuracy	±0.5%F.S.
供电电源 Power Supply	10~30 VDC
输出信号 Output Signal	4~20mA
工作温度 Operating Temperature	-40℃~125℃

应用 Applications

- ★ 磁悬浮机组
Maglev Units
- ★ 冷水螺杆机组
Chilled Water Screw Units
- ★ 水源热泵机组
Water Source Heat Pump Units
- ★ 地源热泵机组
Ground Source Heat Pump Units
- ★ 工业冷冻机组
Industrial Refrigeration Units



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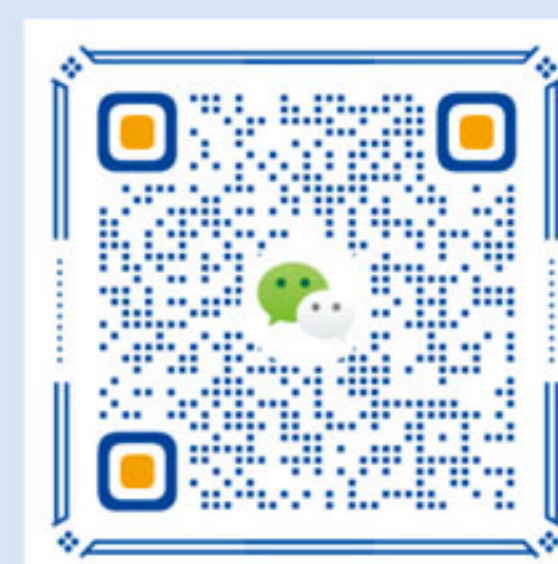
✉ sales@websensor.com 📠 710119

📞 +86-29-88325620

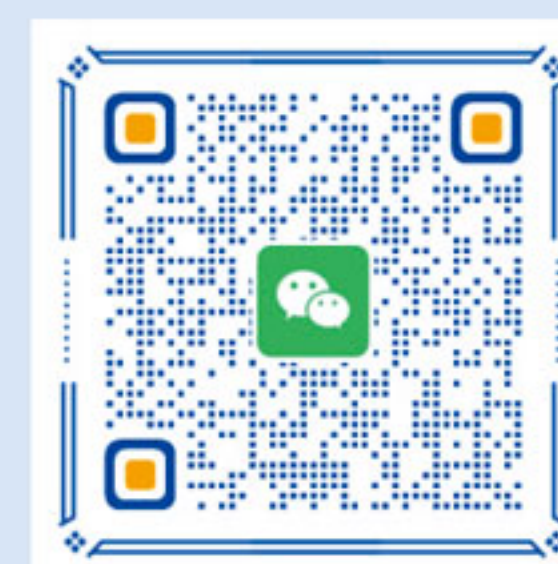
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