



西安中星测控有限公司
XI'AN CHINASTAR M&C LIMITED

Pressure Transmitters For HVAC-R Industry 暖通空调与制冷行业 压力变送器

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Chinese
Invention Patent



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企业简介 ▶



西安中星测控有限公司一九九六年成立于世界著名古城——中国·西安。“中星测控”始终坚持“恪守诚信原则，塑造专业品牌，追求长久卓越”的企业文化。经过二十多年的持续努力，已成为中国乃至全球知名的各种智能传感器专业制造商及物联网(智慧城市/智能制造)综合解决方案提供商。

Xi'an Chinastar M&C Ltd. was established in 1996 in the world famous ancient city – Xi'an, China. Chinastar always adheres to the corporate culture of “Preserving Principle of Integrity, Accomplishing Professional Brand, Pursuing Long-lasting Excellence”. After more than 20 years of continuous efforts, it has become a well-known professional manufacturer of smart sensors and integrated solutions for Internet of Things (Smart City/Smart Manufacturing) in China and around the world.

WE BELIEVE IN

我们相信 ▶

$$\text{成功} = \int_0^T (\text{勤奋}) dt + \text{机遇}$$

$$\text{Success} = \int_0^T (\text{Industriousness}) dt + \text{Opportunity}$$

成功是勤奋对时间的积分

和机遇结合的结果

我们强调勤奋的持续性才是成功的基石

Success is the result of combination between diligent integration and opportunity. We emphasize the persistence of diligence is the cornerstone to success.

WE PERSIST IN

我们坚持 ▶



三角形具有极好的稳定性。其斜边即我们的目标是追求长久卓越，这个信念来自于坚实的诚信基础和很高的专业品牌知名度和美誉度，这两者强有力的支持，使我们在追求长久卓越的路上走得更快、更高、更远。

The triangle has excellent stability. The hypotenuse indicates that our goal is to pursue long-lasting excellence. This belief comes from the firm foundation of integrity and high brand awareness and reputation. With these strong supports, we are able to go faster, higher and further in the pursuit of long-lasting excellence.

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暖通空调与制冷行业压力变送器

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CS-PT1100 经济系列 ▶ CS-PT1100 Economical Series



PED CE UL RoHS

压力范围 Pressure Range: 0~5...50bar

精度 Accuracy: 1%

供电电源 Power Supply: 10~30VDC, 5±0.25VDC

输出信号 Output Signal: 4~20mA, 0.5~4.5V比率电压 Voltage ratio

电器连接 Electrical Connections: Packard

压力接口 Pressure Interface: 7/16-20UNF内, 外螺纹 Internal and external threads

特点及应用

Features & Applications

陶瓷压阻芯体
Ceramic
Piezoresistive Cores

表压
Gauge
Pressure

基本型 (标准型非定制)
Basic Type
(Standard Non-custom)

成本经济型
Cost
Economy

制冷压缩机
Refrigeration
Compressor

制冷除湿机
Refrigeration
Dehumidifier

商用空调车
Commercial Air-
conditioned Vehicles

其他系列产品和应用

Other Series Of Products And Applications

CS-PT1100A

压力范围-1~0...50bar, 输出信号4~20mA, UL认证, 高过载, 适用于冷水机组
Pressure range is -1~0...50bar, output signal is 4~20mA, UL approved, high overload, suitable for chillers

CS-PT1100Q

压力范围-1~0...50bar, 输出信号0.5~4.5V比例电压, UL认证, 高过载, 适用于冷水机组
Pressure range is -1~0...50bar, output signal is 0.5~4.5V Voltage Ratio, UL approved, high overload, suitable for chillers

CS-PT1108

抗电磁干扰, 适用于变频空调
Anti-electromagnetic interference, suitable for inverter air conditioners.

CS-PT1200 标准系列 ▶ CS-PT1200 Standard Series



PED 

压力范围 Pressure Range: 0~5...600bar

精度 Accuracy: 0.5%, 1%

供电电源 Power Supply: 12~30VDC, 5±0.25VDC

输出信号 Output Signal: 4~20mA, 0~10VDC, 0~5VDC, 0.5~4.5V比率电压 Voltage ratio

电器连接 Electrical Connections: Packard, 小赫斯曼 Small HSM, M12X1, 防水接头 Waterproof connector, 护线套 Wire protector

压力接口 Pressure Interface: 7/16-20UNF内, 外螺纹 Internal and external threads, G1/4, NPT1/4, G1/2

特点及应用

Features & Applications

陶瓷压阻芯体
Ceramic
Piezoresistive Cores

表压
Gauge
Pressure

基本型 (标准型 可定制)
Basic Type (Standard Type
Customizable)

制冷设备
Refrigeration
Equipment

其他系列产品和应用

Other Series Of Products And Applications

CS-PT1200V

15~24VDC/24VAC、5VDC供电, 交直流供电, 适用于楼宇自动化

15~24VDC/24VAC, 5VDC power supply, AC/DC power supply, suitable for building automation.

CS-PT1202

压力范围0~2...50bar, 10~30VDC、5VDC供电, 灌胶防冷凝, 适用于冷水螺杆机组、水源热泵机组、地源热泵机组

Pressure range is 0~2....50bar, 10~30VDC, 5VDC power supply, glue filling anti-condensation, suitable for chilled water screw units, water source heat pump units, ground source heat pump units.

CS-PT1202AC

PT1200系列增强型, 压力范围0~20...50bar, Pack出线, 双密封, 灌胶防冷凝, 0.5~4.5V固定电压输出, 可外部标定

Pt1200 series enhanced, pressure range is 0~20...50 bar, Pack out, double sealed, glued anti-condensation, 0~4.5V fixed voltage output, external calibration available.

CS-PT1200 标准系列 ▶ CS-PT1200 Standard Series

其他系列产品和应用

Other Series Of Products And Applications

CS-PT1202P

PT1200系列增强型，压力范围-1/0~10...50bar，M12出线，双密封，灌胶防冷凝，适用于冷水螺杆机组，水源热泵机组、地源热泵机组

Pt1200 series enhanced, pressure range is -1/0~10....50bar, M12 outlet, double sealed, glued Anti-condensation, suitable for chilled water screw units, water source heat pump units, ground source heat pump units..

CS-PT1202M

PT1200系列增强型，压力范围-1/0~10...50bar，10~30VDC供电，Pack出线，双密封，灌胶防冷凝

Pt1200 series enhanced, pressure range is -1/0~10....50 bar, 10~30VDC power supply, Pack out Line, double-sealed, anti-condensation with gluing

CS-PT1200R

PT1200系列增强型，压力范围-0.5/0~10...50bar，8~30VDC供电，Pack出线，双密封，高过载，灌胶防冷凝，可外部标定

Pt1200 series enhanced, pressure range is -0.5/0~10...50 bar, 8~30VDC power supply, Pack out, double sealed, high overload, glued and condensation proof, external calibration available.

CS-PT1206

PT1200系列增强型，压力范围-0.5/0~10...50bar，8~30VDC供电，Pack出线，双密封，灌胶防冷凝，可外部标定

Pt1200 series enhanced, pressure range is -0.5/0~10...50 bar, 8~30VDC power supply, Pack out, double sealed, high overload, glued and condensation proof, external calibration available.



CS-PT1350 黄铜系列 ▶ CS-PT1350 Brass Series

压力范围 Pressure Range: 1~16bar, 1~46bar
精度 Accuracy: 1.5%
供电电源 Power Supply: 8~36VDC, 13~28VDC
输出信号 Output Signal: 4~20mA, 0~10VDC
电器连接 Electrical Connections: Packard, M12X1(4P)
压力接口 Pressure Interface: ϕ 8铜管 Copper tube



特点及应用

Features & Applications

陶瓷压阻芯体
Ceramic
Piezoresistive Cores

表压
Gauge
Pressure

基本型（标准型 可定制）
Basic Type
(Standard Type Customizable)

焊接管
Welded
Pipe

黄铜壳体
Brass
Housing

耐盐雾
Salt Spray
Resistant

多联机
Multi-split Air
Conditioner

二氧化碳机组
CO₂ Compressor
Bundle

其他系列产品和应用

Other Series Of Products And Applications

CS-PT1350 UL

压力范围0~150bar, 精度1%, UL认证, 大量程, 高过载
Pressure range 0~150bar, accuracy 1%, UL approved, large range, high overload.



CS-PT1800 陶瓷电容系列 ▶ CS-PT1800 Ceramic Capacitor Series



压力范围 Pressure Range: 0~10...50bar
精 度 Accuracy: 1.5%
供电电源 Power Supply: 5±0.25VDC
输出信号 Output Signal: 0.5~4.5V比率电压 Voltage ratio
电器连接 Electrical Connections: Packard
压力接口 Pressure Interface: 7/16-20UNF内螺纹

特点及应用

Features & Applications

陶瓷电容芯体
Ceramic Capacitor
Cores

密封表压
Sealed Gauge
Pressure

高过载
High Overload
Pressure

温度稳定性好
Good Temperature
Stability

抗冷凝水
Condensation
Resistant

冷媒专用
Refrigerant
Special

多联机
Multi-split Air
Conditioner

精密机房空调
Precision Server Room
Air Conditioning

空气源热泵
Air Source Heat
Pumps

其他系列产品和应用

Other Series Of Products And Applications

CS-PT1801

10~30VDC供电, 4~20mA输出, 适用于工业制冷
10~30VDC power supply, 4~20mA output, suitable for industrial refrigeration.

CS-PT1802

防水接头, 适用于测水
Waterproof connector for water measurement.

CS-PT200D 防爆系列 ▶ CS-PT200D Explosion-proof Series



压力范围 Pressure Range: 0~100kPa...35bar
精度 Accuracy: 0.5%
供电电源 Power Supply: 24VDC
输出信号 Output Signal: 4~20mA
电器连接 Electrical Connections: 固线端子 Fixed wire terminals
压力接口 Pressure Interface: M20X1.5

特点及应用 Features & Applications

扩散硅充油芯体
Diffusion Silicon
Oil-filled Cores

表压/绝压/密封表压
Gauge Pressure/Absolute Pressure/
Sealed Gauge Pressure

防爆型
Explosion-proof
Type

防爆制冷机组
Explosion-proof
Refrigeration Units



防爆合格证



Explosion-proof Certificate

CS-PT300G 全焊接系列 ▶ CS-PT300G All-welded Series



压力范围 Pressure Range: 0~100KPa...50bar

精 度 Accuracy: 0.5%

供电电源 Power Supply: 12~30VDC, 5±0.25VDC

输出信号 Output Signal: 4~20mA, 0.5~4.5V比率电压 Voltage ratio

电器连接 Electrical Connections: Packard, M12, 防水接头 Waterproof connector

压力接口 Pressure Interface: 7/16-20UNF内, 外螺纹 Internal and external threads

特点及应用

Features & Applications

扩散硅充油芯体
Diffusion Silicon
Oil-filled Cores

绝压/密封表压
Absolute Pressure/
Sealed Gauge Pressure

无O型圈, 无泄露风险
No O-ring
No Risk Of Leakage

高精度
High
Accuracy

全焊接结构
All-welded
Construction

抗冷凝水
Condensation
Resistant

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

空气源热泵
Air Source
Heat Pumps

多联机
Multi-Split
Air Conditioner

精密机房空调
Precision Server Room
Air Conditioning

商用车空调
Commercial Vehicle
Air Conditioning



Sincerely Recruit Agents

诚招代理商

产品

Product



暖通空调与制冷行业压力变送器
Pressure Transmitters For HVAC-R Industry

欢迎有志之士加入我们
一起扬帆起航吧

Welcome to join us
Win-win cooperation



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成为全球传感器界有影响力的创新型公司

To Be An Influential And Innovative Enterprise
In Global Sensor Field



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