

CS-PT1350 Pressure Transmitter

(Product Specification)

XI'AN CHINASTAR M&C LIMITED

CS-PT1350



other industrial fields, customers are currently used in a large number of carbon dioxide units.

Applications

- Carbon dioxide unit
- Universal pressure measurement
- Measurement and control technology
- Hydraulic and pneumatic technology
- Pumps and compressors

Description

The PT1350 is a pressure transmitter specially designed for air conditioning, refrigeration and other industrial fields using imported ceramic pressure sensitive components and ASIC. Copper pipe welding installation, products with high overload, high temperature resistance, salt spray resistance, static resistance and positive and negative overvoltage, anti-electromagnetic interference and other characteristics, can meet the wide demand of air conditioning, refrigeration and

Features

- Imported ceramic sensor
- High overload and blasting
- High temperature resistance
- Forward and reverse overvoltage
- Strong anti-electromagnetic compatibility
- CE, UL, Rohs certification



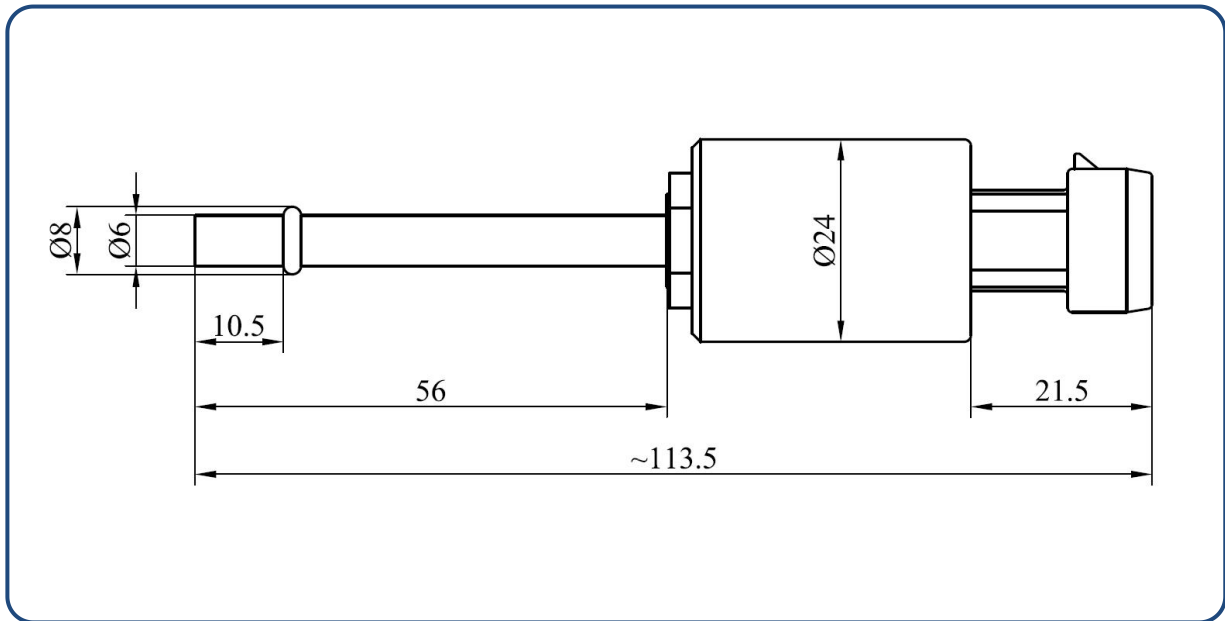
Performance Specifications

Temperature: 20 ~ 25°C; Power supply: 12VDC; Relative humidity: 45% ~ 75%; ambient atmospheric pressure: 86KPa ~ 106KPa;

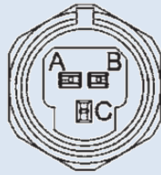
Pressure Range	0~5...250bar (Gage)
Overload Pressure	≥150%F.S
Burst Pressure	≥300%F.S
Accuracy at 25°C	±1.0%F.S (include no-linearity, hysteresis, repeatability, and calibration error)
Long-term Stability.	±0.25%F.S/year
Response Time	(10%~90%)≤10ms
Medium Temperature	-30°C~115°C
Ambient Temperature	-35°C~105°C
Storage Temperature	-35°C~105°C
Output Signal	4~20mA
Supply Voltage	8~36 VDC
Output Load	≤ (U—8) / 0.023 Ω(Max: 600Ω)
Overvoltage	36VDC
Reverse Voltage	-30VDC
Insulate Resistance	≥100MΩ@50VDC
IP Rating	IP66
Random Vibration	10g, 5~2000Hz
Shock	X/Y/Z, 20g, half-sine 11ms
Drop (Any Axis)	1m
Pressure Connector	Φ6 Copper pipes
Shell Material	Brass
Electrical Connection	Packard Metri-Pack
Seal Material	NBR



Structure and Dimension (mm)



Electrical Connection

Packard Metri-Pack	PIN	Define	Color of wire
	A	Shield (PE)	Black
	B	Power Supply(U+)	Red
	C	Current Output (I _o)	Green

Notes

1. Cooling measures should be taken at the sensor end to ensure that the temperature of the sensor body does not exceed 115°C during the welding of pressure-induced copper pipes.
2. The transmitter must be used in a medium that is not corrosive to the sealing material and



housing material.

3. When the pressure-guiding hole of the transmitter is blocked, it is strictly forbidden to use a sharp tool to clear the pressure-guiding hole. The transmitter should be removed and the pressure-guiding hole should be immersed in a liquid that can dissolve the blockage. After the blockage is dissolved, remove it fall out.
4. It is strictly forbidden to open the transmitter for calibration or maintenance by yourself.
5. If you are not sure whether the transmitter is suitable for the measurement medium used, please contact the factory.
6. The installation location of the transmitter should be selected in a place that is not easy to be bumped and stepped on.
7. Use beyond transmitter overload pressure may cause permanent damage.
8. Where there may be lightning, customers should consider lightning protection measures.

Disposal methods of hazardous wastes such as waste circuit boards and their components after the end of product life

After the end of the product life, each part shall be distinguished according to the “National hazardous waste list” to determine whether it is hazardous waste. Among them, the waste lithium battery not disassembled is not hazardous waste, and the waste circuit board (including components, chips, plug-ins, pins, etc. attached to the waste circuit board) belongs to hazardous waste.

The part that is not hazardous waste shall be treated as general industrial solid waste, and the lithium battery shall be handed over to the nearby renewable resource recovery department or sent to the product manufacturer for recycling.

Hazardous wastes must be handed over to legally qualified departments for disposal in



accordance with national regulations, and shall not be dumped or stacked without authorization. If it is really necessary to store temporarily, protective measures meeting the national environmental protection standards must be taken, and the storage period shall not exceed one year. At the same time, the time and place of temporary storage and the protective measures taken shall be reported to the competent environmental protection department. Hazardous waste transfer activities can be arranged according to the actual production situation. The system shall be strictly implemented in the transfer process

Statement

Chinastar Company. reserves the right to modify the specifications and contents of this instruction. No further notice will be given if any changes are made. Due to product updates, the individual details of this document may not match the product. Please refer to the actual product. The right to interpret this document belongs to Chinastar Company.

