

CS-iWPT301 Wireless Bluetooth Pressure & Temperature Sensor



The CS-iWPT301 is a wireless Bluetooth temperature and pressure sensor that utilizes high-quality sensing element and dedicated integrated circuits. It is known for its precision, compact size, easy installation, user-friendly operation, and excellent cost performance. This sensor can be powered by a lithium battery or an external power supply and communicates data via Bluetooth. Users can monitor and collect real-time data using a mobile app. The CS-iWPT301 is primarily designed for temperature and pressure acquisition in transportation pipeline facilities, such as oil transportation, gas transportation, and heating systems.

Features

- ★ Simultaneous measurement of 1-way pressure and multi-way temperature
- ★ Lithium battery or external power supply
- ★ Sampling and sending interval configurable
- ★ Upper and lower limit alarm threshold configurable
- ★ Support APP to read monitoring data or Bluetooth to RS485 gateway to get data

Applications

- ★ Refrigerant Pressure Monitoring
- ★ Heating Pipeline
- ★ Oil Pipeline
- ★ Gas pipeline



Parameter

Pressure Range	0.4/20/40/60/80/100MPa 60/3000/6000/9000/12000/14500psi	Communication Mode	Bluetooth 4.2
Pressure Accuracy	±1.0%F.S.	Power Supply	3.6VDC Lithium Battery 8~30VDC External Power
Temperature Range	-50°C~150°C -58°F~302°F	Battery Life	>3 Years
Temperature Accuracy	±1.0°C ±1.8°F	Pressure Connections	7/16-20UNF

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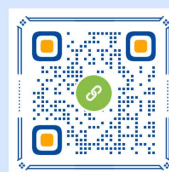
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