PCM86 Wireless Pressure Transmitter

Features

- **Network**

Ultra-low power consumption, NB-IoT network: 4G network

- **Micro power consumption design, battery power supply**

Ultra-low power consumption, integrated high energy lithium battery, life time more than 2 years

- **Online monitoring**

PC and mobile data applications, location distribution, device status and other information are clearly visible

- **Professional pressure detection**

Pressure sensor wide temperature compensation, 15 years of pressure sensor design and production experience

- **Integrated structure**

Compact structure, integrated design, convenient for field installation

- **Abnormal alarm**

Abnormal alarm due to excessive voltage or low voltage / Abnormal alarm due to low power in the pipe.

- **"Wechat" alarm**

Please download "Wechat" App, "Wechat" will alarm (international version will alarm by sending the email)

- **Remote configuration**

Remote configuration of parameters: collecting frequency/transmitting frequency/alarm upper and lower limits

- **Twinkling light reminder**

Equipment status/abnormal condition, respiratory lamp status alert

- **Third-party data applications**

Open database, communication protocol, provide interface parsing files.

Application

- **Fire fighting industry**

Product overview

PCM86 wireless pressure transmitter is an industrial pressure transmitter that can integrate the battery power supply, ultra-low power consumption, wireless communication and pressure detection. Based on NB-IoT /4G coverage, this product can realize the pressure point detection online in a wide area. Combined with the application of the big data platform, remote configuration of instrument sampling interval, sending interval and alarm threshold can be realized.

The pressure transmitter is designed to protect IP67, which can be applied to outdoor places. The installation is simple and fast, data can be uploaded when starting up, and field data can be easily got through PC or mobile phone. It is suitable for the pressure test environment without power supply condition, and can be used in fire testing, water supply pipeline, air conditioning system, industrial process and other field applications.

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Electrical performance parameters	
Pressure range	0kPa～20kPa...10MPa
Pressure reference	Gauge pressure, Absolute pressure, Sealed gauge pressure
Accuracy	±0.5%FS
Display	LED twinkling light display
Network mode	NB-IoT
Antenna	Built-in antenna
Sampling intervals	1，5,30,60,360,720,1440 minutes are available
Sending intervals	1，5,30,60,360,720,1440 minutes are available
Waking up mode	timing, setting button, alarming wake up
Configuration mode	Remote configuration
Getting information	pressure data, battery information, network status, self-check status
The power supply	3.6V@13Ah
Working temp.	-20℃～70℃
Storage temp.	-40℃～85℃
Vibration	≤3g/10Hz.....150H
Protection class	IP65
Diaphragm	stainless steel 316L
Housing material	PC
Installation mode	Vertical or horizontal installation

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