



The wireless pressure transmitter uses a large-capacity lithium battery to provide a stable and reliable power supply for the product, enabling it to operate safely for more than 5 years (uploaded once an hour). The self-developed low-power system can not only provide users with on-site data through the LCD screen, but also upload data through the wireless module, and even graft the data to the user's own cloud platform. The powerful control algorithm enables the instrument to have signal breaks, Transmission, working mode automatic switching, pressure fluctuation real-time alarm, one-click wake-up and other practical functions.

Product Name	Wireless pressure sensor
Pressure Range	0 ~ 100MPa optional
Configuration method	Local USB / remote configuration
Working power	3.6V,19Ah (Can be replaced by yourself)
Battery Life	5 years (send data every hour)
Power consumption	Normal work 70mA sleep is less than 0.1mA, data sending and receiving 330mA
Display	2.4 inch large size LCD screen
Network format	NB-IOT/GPRS/4G/Lora
Antenna	External waterproof antenna
SIM Card	Built-in SIM card
Sampling interval	1 time / min
Wake-up mode	Buttons, timing, USB
Upload information	Pressure, temperature, signal, battery power
Working temperature	-30°C~+70°C(Medium does not crystallize)
Accuracy	0.5
Temperature influence	0.015%F.S/°C
Waterproof level	Normal IP66/Explosion-proof type IP68
Weight	Normal 0.55kg/ Explosion-proof type 1.5kg
Installation	Vertical and horizontal installation
Certificate	CE, RoHS, Ex d IIB T6 Gb



4G

GPRS

Lora

NB-IOT



Waterproof antenna

LCD display

Sensor's channels,
device status, power
time, data and signals
are displayed

**Germany imported
pressure core**

High precision, stable



MULTITIPLE WAKE-UP MODES

Keypad Mode/ Timing Mode/ USB Mode

Smart battery reminder

Check remaining battery freely

Five digit display

4 decimal places retained

Time and date display

More convenient to know time



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