

# MPM6891 Wireless Pressure Transmitter



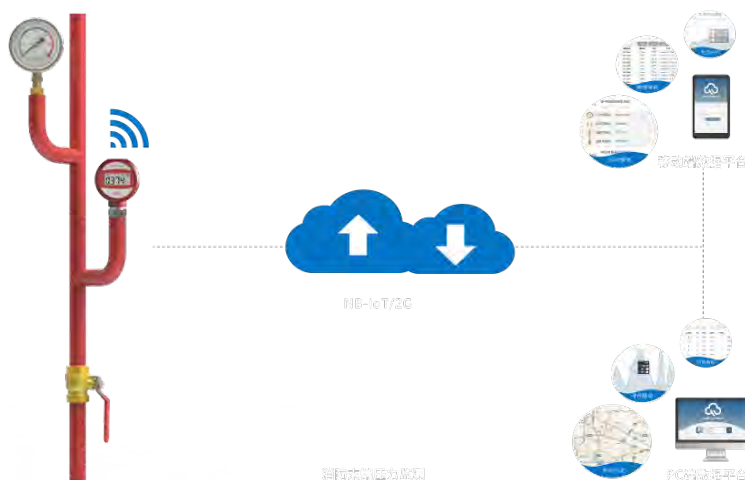
## Features

- NB-IoT\*/2G/4G\*
- PC and mobile phone data application
- Email Alarm
- Compact size, integrated structure design, easy for installation
- Remote Configuration
- Low Power Consumption, Battery Power Supply
- High energy lithium ion battery, low power consumption, over 3 years lifetime
- Distribute location, equipment status clear to view based on GIS management system
- Pipeline overpressure or under pressure Battery life abnormal report
- Support 330 degrees rotation, convenient for on-site installation
- PaaS cloud service, support private cloud, configuration, APP application, etc.

## Introduction

MPM6891 smart wireless pressure transmitter integrates battery power supply and wireless communication for firefighting pipeline pressure monitoring. By combining NB-IoT/2G/4G extensive coverage and application of Web big data system, it can be used for online pressure monitoring over wide area, especially for firefighting field.

## System topology



## Specification

Pressure Range	0~2.5MPa
Pressure type	Seal Gauge
Accuracy	±1%FS
Display	LCD
Network type	2G/4G*/NB-IoT*(B1/B3/B8/B5/B20/B28)
Antenna	Built-in
Collecting interval	1, 5, 10, 30, 60, 360, 720, 1440 minutes options
Sending interval	1, 5, 10, 30, 60, 360, 720, 1440 minutes options
Wakeup mode	Timing, keying, alarming wakeup
Setting mode	Remote setting
Data uploading	Pressure data, battery information, network state, self-checking state
Power supply	3.6V@8.5Ah
Power consumption	Standby current≤50uA,average sending current≤100mA
Working temperature	-20°C ~70°C
Storage temperature	-40°C ~85°C
Vibration	≤3g/10Hz...150Hz(IEC 60068-2-6-2007)
Protection	IP65
Pressure diaphragm	Stainless steel 316L
Housing material	PC
Installation	Vertical, horizontal
Outline dimension	75mm x 50mm, H≤120mm
Weight	~0.3kg

## Order Guide

MPM6891		Wireless Pressure Transmitter			
	Code	Communication mode			
	G2	2G			
	Code	Software application			
	M	Micro Sensor Big-data Platform			
	C	Self-built application, open database/communication protocol			
	Code	SIM card			
	S <sub>2</sub>	customer's own SIM card (with data service)			
	Code	SIM card			
	C <sub>1</sub>	M20×1.5 male, face type seal			
	C <sub>3</sub>	G1/2 male			
MPM6891	G2	M	S <sub>2</sub>	C <sub>1</sub>	the whole spec.

## Notes

- 1.Please pay attention that the media should be compatible with the contacted parts;
- 2.If any special requirements on function or specification, please contact with us freely.