



Water Pressure Meter (NS100WP)

Water pressure meter, fully compliant with LoRaWAN standard

OVERVIEW

- High reliability and long-term stability.
- Battery life lasts for more than 3 years
- IP67 design, suitable for both indoor and outdoor
- Easy to install and maintain
- Suitable for fluid pressure detection and control in petroleum, chemical industry, electric power, hydrology, environmental protection and etc.

Product Code	NS100WP
Pressure parameters	
Detection range	0 ~ 100MPa
Accuracy	±0.5% FS
Over-load Pressure	1.5 times full range pressure
Stability	±0.3%FS/year
Zero Reading Coefficient of Temperature	±0.05%FS/°C
Full Temperature Coefficient	±0.05%FS/°C
LoRaWAN parameters	
Processor	STM32L, ultra low standby power
LoRaWAN Tx/Rx connector	RP-SMA
Frequency	433MHz, 470 – 510MHz, 868MHz, 915MHz
LoRaWAN working mode	Single channel, Class A/C
Power supply	
Battery	Rechargeable 3.7V 19000mA
Battery life	10 hours
Other parameters	
Working temperature	0 ~ 80 °C
Humidity	10%-95% (no condensing)
Ingress Protection	IP67
Size	110mm*110mm*40mm(antenna excluded)