Water Pressure Monitoring

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Sensor Description

Working with the Farmdeck app, the water pressure sensor is a critical piece when it comes to pumping and irrigation.

Farmdeck's water pressure monitoring sensor ensures an accurate reading each time and monitors water systems for faults through the fluctuation of pressure.



Features

- Real-time alerts for fluctuation of water pressure
- Historical reports for recorded trends and patterns

Applications

Pump and irrigation management



Water Pressure Monitoring





Mechanical Features	
Housing	IP67 enclosure with twist capsule
Dimensions (mm)	340mm x 180mm x 120mm with bracket
Weight	420g with battery
Case Material	UV-stabilized ABS plastic, stainless steel
Device Power Supply	
Battery	Solar panel with 1000 mAh battery
Expected battery life	Up to 5 years
Operating Conditions	
Temperature	-40°C to +125 °C
Radio/Wireless Connection	on
Wireless technology	LoRaWAN 1.0.3/1.1
Supported LoRaWAN device type	Class A End-device
Supported LoRaWAN Regions	US902 - 928,AS923, AU915 - 928, KR920-923
Configuration	OTAA, ABP, ADR
Data Type	
0-6 Bar gauge pressure	(0-87 psi)
Readings	10 minutes - 1 hour readings
Accuracy	+/-1% FS
Optional Cellular Connec	tion
Wireless Technology	LTE-M/NB/IoT
Supported LTE Bands	LTE-M (Cat-M1): B1, B2, B3, B4, B5, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B66 NB-IoT (Cat-NB1/NB2): B1, B2, B3, B4, B5, B8, B12, B13
SIM card and format	Internal Nano 4FF SIM