

OY1410 LoRaWAN® Pulse meter

LoRaWAN® unit designed to function in combination with B Meters' pulse meters. Automatic pulse meter reading of various water meters. LoRaWAN® unit can be placed separately from water meter, making it excellent for water meters installed in harsh environments.

Pulse meters

The devices can be configured to connect other pulse outputs as well, making it an incredible problem-solving devices in smart metering applications.



Pulse meter

Compatible with B Meters' IWM PL-3 and IWM PL-4 meters
Data transmission frequency Programmable

Connectivity

Network LoRaWAN®
Frequency bands 868 MHz
Provisioning Over the air & personalization



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Size	
Size	120 x 65 x 43 mm
Weight	180g
Security	
Algorithms	AES-128
Hardware	Cryptographic co-processor
Features	Secure boot Secure firmware upgrade
<i>Hardware based ultra-secure key storage</i>	
Battery life	
Battery life length	10 years (dependent on external probes and use case)
Primary cell	Lithium-Manganese 3V
Capacity	2x CR123A 1.7 Ah
Replaceable	Yes
Environmental data, quality and reliability	
Operating temperature	-20°C to +55°C
Humidity	0-100%
Enclosure	
IP68	
Certifications	
RoHS compliant	
CE	
LoRaWAN®	

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Specifications compatible pulse meters

IWM PL-3	
Manufacturer	B Meters
Model	Static pulse emitter module
Compatible water meters	B Meters' multi jet meters
Functionality	
Consumption analysis	Incremental and decremental counting Reverse flow compensation supported
Fraud detection	Active
Dedicated dosing function	Available upon request
Configuration	Through free smartphone app via NFC (Android only)
Connection	
Cable	1,5m long, can be extended
Enclosure	
IP68	

IWM PL-4	
Manufacturer	B Meters
Model	Static pulse emitter module
Compatible water meters	WDE-K50 Woltmann water meters
Functionality	
Consumption analysis	Incremental and decremental counting Reverse flow compensation supported
Fraud detection	Active
Dedicated dosing function	Available upon request
Configuration	Through free smartphone app via NFC (Android only)
Connection	
Cable	1,5m long, can be extended
Enclosure	
IP68	

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Order Product Numbers (OPN)

Version	OPN
OY1410 LoRaWAN Pulse meter	TP-T1410-000-1-EU

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Nordic Propeye stands for smart, sustainable choices. We have made it our mission to help our customer to make their real estate and condominiums lean, clean & green.

