

## OY1400 LoRaWAN® converter 0-10V, 4-20 mA

**LoRaWAN® unit designed to power and activate external analogue probes and transmit the signal over LoRaWAN® to your LoRaWAN® network. Fit for industrial environments, built to have many years of maintenance free battery life.**

### Analogue probes

The device is excellent for connecting existing probes to the internet. Whether you're dealing with vibration-, temperature-, pressure- or any other type of measurement probes, there is great value in getting the measurement data in online, in near real-time. The OY1400 device powers and activates the probe and transmits the data over the LoRaWAN® network, making it a complete solution.



### Sensing probe

Sensing probe type	4-20 mA, 0-10 V, open/closed circuit
Number of probes	2 individual channels
Data transmission frequency	Programmable and adaptive

### Connectivity

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



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<b>Size</b>	
Size	120 x 65 x 43 mm
Weight	180g
<b>Security</b>	
Algorithms	AES-128
Hardware	Cryptographic co-processor
Features	Secure boot Secure firmware upgrade
<i>Hardware based ultra-secure key storage</i>	
<b>Battery life</b>	
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
<b>Environmental data, quality and reliability</b>	
Operating temperature	-20°C to +55°C
Humidity	0-100%
<b>Enclosure</b>	
IP68	
<b>Certifications</b>	
RoHS compliant	
CE	
LoRaWAN®	

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### Order Product Numbers (OPN)

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

### Nordic Propeye AB

Östergatan 11  
SE-43430 Kungsbacka, Sweden

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.

