# OY1400 LoRaWAN Leakage rope
Product datasheet

**LoRaWAN unit with external leakage rope connected. Fit for industrial environments, built to have many years of maintenance free battery life. Sends an alarm notification to the network if a water leakage has been detected.**

## 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 |

## Size

| | |
|---|---|
| Size | 120 x 65 x 43 mm |
| Weight | 180g |

## Security

| | |
|---|---|
| Algorithms | AES-128 |
| Hardware | Cryptographic co-processor |
| Features | Secure boot |
| | Secure firmware upgrade |

*Hardware based ultra-secure key storage*

## 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