



Indoor Radio transmitter for  
Water & energies metering  
(pulses)

Ref: PUL-LAB-21NS

This Senlab M is a smart LoRaWAN™ sensor with pulse input capability for reed switch (dry contact) pulse emitters.

The small form factor and discreet aesthetics of the Senlab M indoor version makes it well suited for an office or accommodation fitting.

Sensing Labs advanced sensors offer advanced functionalities such as:

- Datalogging (24 points / radio transmissions)
- “over the air” reconfiguration
- Set initial index

LoRaWAN™



10 years \*  
(replaceable battery)



15 km \*



IP30  
(Indoor use)



Local or Public  
Network compliant

## Typical applications

Water, gas and electricity metering with the attachment of Senlab M to a reed switch type of pulse emitter. Senlab M can be compatible with other types of pulses, contact Sensing Labs for more information.

Technical specifications	
Physical dimensions	53 x 85 x 25 mm
Weight	75 gr
Operating temperature	0°C to +55°C
RF sensitivity	-137dBm
RF power	+14dBm (25mW)
Radio band	868 MHz
EMC Compliance	ETSI EN 301 489-1, ETSI EN 301 489-3, EN 61000-6-2
Radio Compliance	EN 300 220-1 V 2.4.1 (2012-05), EN 300 220-2 V 2.4.1 (2012-05)
Magnetic field exposure	EN 62479
Safety	IEC 60950-1

\*Depending on the operating conditions

### Contact details