LoRaWAN Sensor Device
Level Pressure

Sensors
KELLER PAA-36XW (absolute) or PR-36XW (relative) pressure sensor for leveling
High resolution, IP67 weather resistant, piezo resistive technology
Interface: RS-485

Pressure sensor
Relative and absolute ranges: 0...1, 0...3, 0...10, 0 ... 30 bar

Temperature compensated
Accuracy ±0.1% of full scale

Temperature sensor
Range: -20 ... 80 °C

10m cable, longer cable on request

LoRaWAN specifics
Device class A
Over the air activation (OTAA)
Adaptive data rate (ADR)
Frequency band: 868 MHz (EU Version)
Input Sensitivity: -148 dBm

Supply
Internal battery 2 x C-type
Integrated sensor supply

Operating conditions
-30°C to 60°C
100% RH

Weight
250g w/o batteries

Dimensions
80 x 135 x 70 mm
Enclosure

Weatherproof IP67, impact and UV-resistant polycarbonate enclosure

Dimensional drawings (only enclosure)