

Product description:

Battery Repeater Wireless M-BUS with optional long-range filtering (LR) and external antenna (X)

Order code:

LAN-WMBUS-R4-B
LAN-WMBUS-R4-B-LR
LAN-WMBUS-R4-B-LR-X

This declaration of conformity is issued under the sole responsibility of the manufacturer. We certify that the apparatus detailed above is in conformity with following directives:

- Radio Equipment Directive (RED) 2014/53/EU
- RoHS Directive 2011/65/EU (EU) 2015/863

by application of the following harmonised standards:

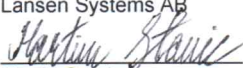
- EN 300 220-1 V3.1.1 (2017-02)
Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 1: Technical characteristics and methods of measurement
- EN 300 220-2 V3.1.1 (2017-02)
Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 2: Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU for non-specific radio equipment
- EN 301 489-1 V2.2.3 (2019-11)
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility
- EN 301 489-3 V2.1.1 (2019-03)
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
- EN 61000-6-1 (2019)
Electromagnetic compatibility (EMC) - Part 6-1: Generic standards – Immunity standard for residential, commercial and light-industrial environments.
- EN 61000-4-2 (2009)
Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test
- EN 61000-4-3 (2006), /A1:2008, /A2:2010
Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement - Radiated, radio-frequency, electromagnetic field immunity test
- EN 61000-6-3 (2007) / A1:2011
Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments.
- EN 62368-1:2020
Audio/video, information and communication technology equipment - Part 1: Safety requirements.
- EN 63000:2018
Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substance.

Notified Body

RISE Research Institute of Sweden AB.
Identification number 1002
Certificate registration number: 9P08482-E2, 9P08482-R2, 7P06360-E3, 7P06360-R3

Date of Issue: 11.03.2022

Signed:

Lansen Systems AB

Martin Stanic
Product manager