

# LANSEN

## EU Declaration of Conformity

### Product description:

Lansen (LAN) mains powered M-Bus master (-MA) converter from wired M-Bus (-WMBUS) for outdoor usage (-A2) and support for up to a specific number of logical slave devices (-NBR) and optional external antenna (X).

### Order code:

LAN-WMBUS-MA-A2-NBR-(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 300 220-2 V3.2.1 (2018-06)  
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 61000-4-4 (2012)  
Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test
- EN 61000-4-5 (2014)  
Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test
- EN 61000-4-6 (2014)  
Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields
- EN 61000-4-11 (2004)  
Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests
- 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.

### Third-Party Test House

RISE Research Institute of Sweden AB.  
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