



# Combined UKCA and EU Declaration of Conformity

## –NIV-X- Digital Tank Level Gauge

**Manufacturer:**  
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### **Declaration of Conformity (UKCA)**

This declaration of conformity is issued under the sole responsibility of the manufacturer.

**Product Name:** NIV-X

**Product Description:** Digital Tank Level Monitoring Device with submersible pressure sensor, RS485 Modbus communication, optional temperature monitoring, and multi-format power input.

**Product Type/Model:** NIV-X Series

### **Applicable UK Regulations (UKCA):**

- Electrical Equipment (Safety) Regulations 2016 (SI 2016/1101)
- Electromagnetic Compatibility Regulations 2016 (SI 2016/1091)
- RoHS Regulations 2012 (SI 2012/3032)
- Radio Equipment Regulations 2017 (SI 2017/1206)\*

### **Applicable EU Directives (CE):**

- Low Voltage Directive 2014/35/EU
- EMC Directive 2014/30/EU
- RoHS Directive 2011/65/EU (as amended by 2015/863)
- Radio Equipment Directive 2014/53/EU\*

\*Not currently applicable but included for future versions.

**Standards Applied (UK Designated and EU Harmonized):**

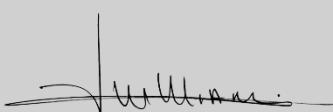
- EN 62368-1:2020 - Safety requirements for AV/IT/communication equipment
- EN 61000-6-1:2019 - EMC Immunity
- EN 61000-6-3:2021 - EMC Emissions
- EN 61000-4-2 - ESD Immunity (for RS485)
- EN 61000-4-5 - Surge Immunity (AC/RS485)
- EN IEC 63000:2018 - RoHS technical documentation
- EN 60529:1992 + A2:2013 - Ingress Protection (if applicable)

**Additional Notes:**

- Product supports 9-12V DC or 110-240V AC mains power input.
- Integrated RS485 Modbus communication; future variants may support analog outputs (0-10V / 4-20mA) and temperature measurement.
- Not certified for use in ATEX environments.

**Signed for and on behalf of Ajax Solutions Ltd:**

Name: Jacque Williams  
Position: Director  
Place of Issue: Herefordshire United Kingdom  
Date of Issue: 05/05/2025

**Signature:** A handwritten signature in black ink, appearing to read 'Jacque Williams'.