

XT-01-xx System EU Declaration of Conformity

Hereby we,

Name of Manufacturer TWTG R&D B.V.
Address Schaardijk 386
Zip Code & City 2909 LA, Capelle aan den IJssel
County The Netherlands
Phone Number +31 (0)10 203 79 05

declare that this EU Declaration of Conformity is issued under our sole responsibility and that the following product(s):

with **Product Description**

XT-01-00 - Universal LoRaWAN Transmitter System, intended to be combined with a range of industrial sensors.

carrying the **Type Designation(s)**

AA-BB-CC, where
 AA is the *Product Identifier*,
 BB is the *major revision*,
 CC is the *region* (e.g. 00 for *global*)

with **Serial Number(s)**

AA-BB-CC-ZZ-XXXXX, where
 AA is the *Product Identifier*,
 BB is the *major revision*,
 CC is the *region* (e.g. 00 for *global*) ZZ is the *batch identifier*
 XXXXX is the *unique identifier* within the *batch identifier*

Including but not limited to the following **System Type Designation(s)**

XT-LD-VB-01-00 - XT-01-00 LoRaWAN Transmitter, with XT-VB-01-00 Vibration sensor
 XT-TTTC-01-00 - XT-01-00 LoRaWAN Transmitter, suitable for thermocouple sensors
 XT-TTPT-01-00 - XT-01-00 LoRaWAN Transmitter, suitable for RTD sensors
 XT-RT05-PS-01-00 - XT-01-00 LoRaWAN Transmitter, suitable for pressure sensors
 XT-RT05-PG-01-00 - XT-01-00 LoRaWAN Transmitter, with XT-PG-01-00 Pressure Gauge

under the **Trademark**

TWTG R&D B.V.

is in conformity with the relevant Union harmonization legislation:

RED 2014/53/EU 3.2 Radio

EN 300 220-1 V3.1.1
 EN 300 220-2 V3.2.1
 EN 303 446-1 V1.2.1

RED 2014/53/EU 3.1 A - Health & Safety

EN 62311:2020
 EN 62368-1:2023
 EN 60529:1991 A1:2000 A2:2013

RED 2014/53/EU 3.1 B - EMC

EN 301 489-1 V2.2.3
 EN 301 489-3 V2.3.2
 EN 61326-1:2021

RED 2014/53/EU 3.3 D, E, F - Cyber Security

IEC 62443-4-2:2019*

WEEE Directive 2012/19/EU

RoHS 2011/65/EU

REACH Regulation (EC) No 1907/2006

The Notified Body TIMCO Engineering, Inc, with Notified Body number 1177, has issued, under the conformity assessment procedure as described in Module B + C of the directive, the EU-type examination certificate number:

E1177-255616

Additional information:

The XT-LD-VB-01-00 and XT-LD-PG-01-00 configurations are composed of the XT-01-00 transmitter and external passive sensor elements that are identical to the DS-VB-02-00 and DS-PG-02-00, previously tested as part of the DS-XX-02-XX family under similar conditions. These sensors are relabeled to reflect their non-ATEX intended use. No changes have been made to the electronics, firmware, or mechanical construction of the sensor modules.

* Certification by Dekra is expected to be completed by October 2025.

Signed:



Wesley Kerstens, Hardware lead
 5 Aug 2025