

EU Declaration of Conformity



Hereby we,

Name of manufacturer: TWTG R&D BV
Address: Schaardijk 386
Zip code & City: 2909 LA, Capelle a/d IJssel
Country: The Netherlands
Phone Number: +31 (0)10 203 79 05

declare that this DoC is issued under our sole responsibility and that the following products:

Product description:

1. DS-TT-02-XX - Temperature Transmitter, intended to monitor the temperature in industrial environments and send it over LoRaWAN wireless protocol
2. DS-RT-02-XX - Ratiometric Transmitter, intended to measure ratiometric signal from a range of sensors, and send it over LoraWAN wireless protocol
3. DS-LD-02-XX - Low Voltage Differential Transmitter, intended to communicate with external sensors, and send their data over LoRaWAN wireless protocol
4. DS-VB-02-XX - Vibration Sensor, intended to be connected to DS-LD-02-DD to monitor vibration of industrial equipment and send it over LoRaWAN wireless protocol
5. DS-PG-02-XX - Pressure sensor assembly within pressure gauge, intended to be connected to DS-RT-02-DD

Type Designation:

- DS-BB-CC-DD

Trademark: TWTG R&D BV

Serial number: "BBCCDDYYZZXXXXX"

This product is covered by the following ATEX/IECEX classification:

- Ex II 1G Ex ia IIC T4 Ga

Nomenclature:

- BB = Product variant e.g. TT, RT, LD, VB or PG
- CC = Major Revision
- DD = Region, e.g. 00 for Global
- YY = Year of manufacture, e.g. 20 for 2022
- ZZZXXXXX = Individual Identifier e.g. "AA00001", where:
 - ZZ = Production Batch ID
 - XXXXX = Individual Identifier

is in conformity with the relevant Union harmonization legislation:

1. ATEX Directive (2014/34/EU):
 - (a) EN 60079-0:2012 +A11:2013
 - (b) EN 60079-0:2018
 - (c) EN 60079-11:2012
2. Radio Equipment Directive (2014/53/EU):
 - (a) EN 300 220-1 v3.1.1
 - (b) EN 300 220-2 v3.2.1
 - (c) EN 301 489-1 v2.2.3
 - (d) EN 301 489-3 v2.1.1
 - (e) EN 62311:2020
 - (f) EN 61010-1:2010 + A1:2019
 - (g) EN 60529:1991 + A1:2000 + A2:2013
3. WEEE Directive 2012/19/EU
4. RoHS (2011/65/EU)
5. REACH

Notified Body DEKRA Certification BV (0344), located at Meander 1051, 6825 MJ, Arnhem, performed EU-type examinations according to Annex III, and Annex IV and Annex VII of 2014/34/EU, issuing certificate numbers:

- DEKRA 22 ATEX0004X
- IECEX DEK 22.0004X

The Notified Body, Kiwa Nederland B.V. with notified body number 0063, has issued under Conformity Assessment procedure Module B + C the EU type examination certificate 212140704/AA/01.

Name: N. Herrwerth
Function: CEO
Document Name: 7050_N02-09_DoC_EU.B1
Effective date of this document: 12-12-2023
Signature:

A handwritten signature in blue ink, appearing to read 'N. Herrwerth'.