

# DS-XX-02 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**

*DS-TT-02-DD* - LoRaWAN Temperature Transmitter, intended to monitor the temperature in industrial environments;  
*DS-RT-02-DD* - LoRaWAN Ratiometric Transmitter, intended to measure ratiometric signal from a range of sensors;  
*DS-LD-02-DD* - LoRaWAN Low Voltage Differential Transmitter, intended to communicate with external sensors;  
*DS-VB-02-DD* - Vibration Sensor, intended to be connected to DS-LD-02-DD to monitor vibration of industrial equipment;  
*DS-PG-02-DD* - Pressure Sensor assembly within pressure gauge, intended to be connected to DS-RT-02-DD

carrying the **Type Designation(s)**

*DS-BB-CC-DD*, where  
*BB* is the *product variant* (e.g. TT, RT, LD, VB or PG),  
*CC* is the *major revision*,  
*DD* is the *region* (e.g. 00 for *global*)

with **Serial Number(s)**

*BBCCDDYYZZXXXXX*, where  
*YY* is the year of manufacturing (e.g. 24 for 2024),  
*ZZ* is the *batch identifier*  
*XXXXX* is the *unique identifier* within the *batch identifier*

under the **Trademark**

TWTG R&D B.V.

is in conformity with the relevant Union harmonization legislation:

<b>RED 2014/53/EU 3.2 Radio</b>		<b>ATEX Directive 2014/34/EU</b>
EN 300 220-1	V3.1.1	EN IEC 60079-0:2018
EN 300 220-2	V3.2.1	EN 60079-11:2012
<b>RED 2014/53/EU 3.1 A - Health &amp; Safety</b>		<b>RED 2014/53/EU 3.3 D, E, F - Cyber Security</b>
EN 62311:2020		IEC 62443-4-2:2019*
EN 61010-1:2010 + A1:2019		<b>WEEE Directive 2012/19/EU</b>
EN 60529:1991 + A1:2000 + A2:2013		<b>RoHS 2011/65/EU</b>
<b>RED 2014/53/EU 3.1 B - EMC</b>		<b>REACH Regulation (EC) No 1907/2006</b>
EN 301 489-1	V2.2.3	
EN 301 489-3	V2.1.1	

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

Ex II 1G Ex ia IIC T4 Ga  
 $-40^{\circ}\text{C} \leq T_a \leq 70^{\circ}\text{C}$  for DS-LD-02-DD, DS-TT-02-DD and DS-RT-02-DD  
 $-40^{\circ}\text{C} \leq T_a \leq 80^{\circ}\text{C}$  for DS-VB-02-DD and DS-PG-02-DD

The Notified Body Kiwa B.V., with Notified Body number 0063, has issued, under the conformity assessment procedure as described in Module B + C of the directive, the EU-type examination certificate number:

**212140704/AA/01**

The Notified Body DEKRA Certification B.V., with Notified Body number 0344, located at Meander 1051, 6825 ML, Arnhem, performed EU-type examination according to Annex III, Annex IV and Annex VII of 2014/34/EU, issuing certificate number(s):

**DEKRA 22 ATEX0004X & IECEx DEK 22.0004X**

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

Signed:

Wesley Kerstens, Hardware lead  
05 Aug 2025