The Testcenter facility ‘LoRa® Test Lab’ within IMST GmbH is recognized by the LoRa™ Alliance for testing in accordance to the LoRaWAN™ Specification V1.0.2

Report for Certification by Similarity according to LoRaWAN™ V1.0.2

for the Device

“Teneo CO2 stoplicht“

for the Customer

“Teneo IoT BV“

Jens Lerner
Yavuz Turan

22nd June, 2021
**Administrative Summary**

**Location:** IMST GmbH, Test Centre, Kamp-Lintfort, Germany  
**Responsible Test Engineer:** Yavuz Turan, Jens Lerner  
**Subject:** Test of requirements for Certification by Similarity according to LoRaWAN™ Specification V1.0.2

**Company and Contact Information:**  
Teneo IoT B.V.  
Inou Heideman  
Landbouwstraat 5-06  
7101 EK Winterswijk  
Netherlands  
**Checked Device:** Teneo CO₂ stoplicht  
**Hardware version:** REV200  
**Firmware version:** 1.31  
**Type and Version of used Stack:** own  
**Original End-device identifier:** Teneo Filling Level sensor  
**LoRa Device Class:** A  
**LoRaWAN Specification version:** V1.0.2  
**Certification requirements:** LoRa End Device Certification by Similarity V1.1  
**Frequency band(s):** 868 MHz  
**Type of Certification by Similarity:**  
**Case 3:** Certification of an end-device variant from a certified end-device  
**Variant device differences to the referenced certified device:**  
- Same LoRa transceiver  
- Same LoRa protocol SW version  
- Same MCU Core  
- Same Clock design and implementation  

**Brief description of the differences between the primary and the variant device**  
The hardware and firmware of the primary and variant device are all exactly the same except for the application specific firmware. The primary device measures distance and the variant device measures CO₂, humidity and temperature.

**Date:** 22nd June, 2021

The Test Report, No. 6210546 has the following conclusion:

**The device fulfills the requirements.**

**Responsibility:**  
Yavuz Turan  
Test Engineer

**Approved:**  
Jens Lerner  
Quality Engineer

Copyright Notice & Disclaimer: No part of this test report may be reproduced without written permission of IMST GmbH. The test results herein only refer to the tested sample. IMST GmbH cannot be made responsible for any generalizations or conclusions drawn from the test results presented herein concerning further samples of the tested device. Modification of the tested sample(s) is prohibited and leads to invalidity of this report.