



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

“8931N”

for the Customer

“TE Connectivity Sensors”

Jens Lerner

Yavuz Turan

23rd September, 2022

Administrative Summary

Location: IMST GmbH, Test Centre, Kamp-Lintfort, Germany

Responsible Test Engineer: Yavuz Turan, Jens Lerner

Subject: Test of Conformance to LoRaWAN® Specification V1.0.2

Company and Contact Information:

TE Connectivity Sensors

Marty Romain

4 rue Gaye Marie

31000 Toulouse

French

Checked Device: 8931N

Hardware version: B

Firmware version: 2.0.3

Type and Version of used Stack: Stackforce, 4.6.0 Master Version

Original End-device identifier: 8911N

LoRa Device Class: A

LoRaWAN Specification version: V1.0.2

Certification requirements: LoRa End Device Certification by Similarity V1.1

Frequency band(s): EU868&US915 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 LoRaWAN protocol SW version
- Same MCU Core
- Same Clock design and implementation

Brief description of the differences between the primary and the variant device

LoRa vibration sensor with on board FFT processing and analysis

Date: 23rd September, 2022

The Test Report, No. 6220413 has the following conclusion:

The device fulfils 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.