

To Whom It May Concern**DECLARATION OF CONFORMITY**28th of March, 2024

Vilnius

Declaring Organization: UAB TELTONIKA TELEMATICS

Product Name: EYE BEACON, EYE SENSOR

Product Model Name: BTSID1, BTSMP1

Product Description: Bluetooth® monitoring system

TELTONIKA TELEMATICS, UAB, declares under our sole responsibility that the product mentioned above are in accordance with the provisions of the following standards:

Vibrations:

EN 12830:2018 (5.10.3.2, 6.6.6);

Shocks:

EN 12830:2018 (5.10.3.3, 6.6.5);

EN 60068-2-27:2009.

Conformity with the essential requirements for Vibration and shock has been demonstrated against the harmonized standards.

Vibrations testing conditions:

Waveform	Sinusoidal
Sweep Speed	1 oct/min
Number of Axes	3 orthogonal
Frequency range	5 to 150 Hz
Applied levels	10 mm peak from 5 to 8.6 Hz; 3 g peak from 8.6 to 150 Hz
Number of sweep cycles per axis	20 → ≈ 3 h 16 min per axis

Shock testing conditions:

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Saltoniskiu st. 9B-1, LT-08105
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Waveform	Half-sine
Amplitude and Duration	10 g 10 ms
Number of Axes	3 orthogonal
Number of shocks	1 per direction (6 in total)

Tests Summary: The product was subjected to the prescribed shock tests, including non-repetitive and repetitive shocks, to determine its ability to withstand mechanical weaknesses and/or degradation in performance. The testing procedures aimed to replicate the effects of actual transport or operational environments on the product, in line with the standard's guidance.

Results: The product has successfully met all specified requirements and test severities outlined in EN 12830:2018 and EN 60068-2-27:2009, showing no mechanical weakness or performance degradation due to shock and vibrations applied.

Conformity Assessment: Based on the tests conducted as per test report 4-P238999-1-V1, it is confirmed that BT SMP1 comply with the requirements of EN 12830:2018 and EN 60068-2-27:2009 vibration and shock requirements. This declaration is issued under the sole responsibility of the manufacturer.

Head of Projects Coordinators Department

Aurimas Adomaitis



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