DECLARATION OF CONFORMITY

Description of product covered:

Product Family: **ALTA® Wireless Thermocouple Sensors**

Model Numbers: **MNS2-(f)-AA-TS-TC-BB-CC-DD***

***MNS2** stands for MONNIT Sensor generation 2;
(f) equals **4** for 433 MHz, **8** for 868 MHz, **9** for 900 MHz, or **94** for 940 MHz;
AA equals **W1** for coin-cell, **W2** for commercial, or **IN** for industrial platforms;
TS stands for Temperature Sensor;
TC stand for Thermocouple;
BB, CC, or DD can have **no value**, or can equal **HW** for a Hard Wired K-type thermocouple, **KP** for a K-type with a quick connect cable, but without a probe, and **KT** for a quick connect cable with a probe, **LP** for Line Power, **NL** for No Label, **PA** for Puck Antenna, **SOL** for rechargeable Solar power, or **SW** for Switch.

North America:

Regulatory Body / Law	Regulation / Part / Standard	Frequency	FCC IDentification / IC IDentification / Statement	Compliance	Telecommunication Certification Body / Due Diligence
Federal Communications Commission (FCC)	Part 15, Subpart C, Section 15.247 Frequency Hopping Spread Spectrum (FHSS)	900 MHz	ZTL-G2SC1	✓	**ULTRATECH ENGINGEERING LABS** 3,000 Bristol Circle Oakville Ontario, LH6 6G4 Canada
Industry Canada	RSS-247, Issue1		9794A-G2SC1	✓	
Toxic Substances Control Act (TSCA)	Section 6(h)	433, 868, 900, 940 MHZ	Not intentionally added	✓	In contact with supply chain
Proposition 65	February 25, 2022 Proposition 65 List		May contain listed substances, but they do not cause exposure	✓	In contact with supply chain

European Union:

Directive / Instrument / Regulation	Part	Harmonized Standard(s) / Standard(s)	Frequency	Exemptions / Qualifications	Compliance	Notified Body Testing / Due Diligence
Low Voltage Directive (LVD) (2014/35/EC) **Electrical Equipment (Safety) Regulations 2016** (S.I. 2016/1101)	All parts	**EN 61010-1**:2010 IEC 61010-1:2010/ AMD1:2016	433, 868, 900 MHZ	IK06 enclosure rating with Risk Assessment	✓	All testing, including testing for each of the coin-cell, commercial, and industrial platforms, for conformity with the enforced harmonized standards listed in this table was performed by: **NEMKO CANADA INC.** 303 River Road, Ottawa Ontario K1V 1H2 Canada **Notified Body ID 0470**
ElectroMagnetic Compatibility Directive (EMCD) (2014/30/EU) **Electromagnetic Compatibility Regulations 2016** (S.I. 2016/1091)	Emissions Requirement	**EN 55032**:2015/ A11:2020	433, 868 MHZ	**None**	✓	
	Immunity Requirement	**EN 55035**:2017/ A11:2020			✓	
Radio Equipment Directive (RED) (2014/53/EU) **Radio Equipment Regulations 2017** (S.I. 2017/1206)	Electrical Safety Article 3.1(a)	**EN 61010-1**:2010 IEC 61010-1:2010/ AMD1:2016			✓	
	EMC Article 3.1(b)	**ETSI EN 301 489-3** V2.2.0 (2021-11)			✓	
	RF Spectrum Efficiency Article 3.2	**ETSI EN 300 220** V3.2.1 (2018-06)			✓	
	Internet of Things Cybersecurity Article 3.3(d)-(f)	EU 2022/30 **ETSI EN 303 645** V2.1.1 (2020-06)	433, 868, 900, 940 MHz	Pursuant to EU 2022/30, products will be assessed for Article 3.3(d)-(f) by the required date of August 1, 2024. MONNIT believes it currently satisfies expected harmonized standard **EN 303 645** and, for reasons linked to in the right-most column, Article 3.3(d)-(f).	✓	No network harm, misuse, or degradation as prohibited by Art. 3.3(d) ENCRYPT-RF® provides privacy and personal data required by Art. 3.3(e) SENSOR PRINT™ feature provides fraud protection required by Art. 3.3(f)
Restriction of Hazardous Substances (2011/65/EU) **Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012** (S.I. 2012/3032)	RoHS II and RoHS III	**IEC 63000**:2016/ AMD1:2022		**None**	✓	Compliance certificates on file for certain components
Registration, Evaluation, and Authorization of CHemicals (REACH) Regulation 1907/2006	Article 33	**SVHC 235** (June 14, 2023)			✓	Certificates on file of many components--new SVHCs considered individually

Under its sole responsibility, MONNIT declares the products defined above to be in conformity with the LVD, the EMDC, and the RED of European Union, and the relevant United Kingdom Statutory Instruments (and their amendments), based on testing against the harmonized standards above. With respect to the RoHS directive, to the best of MONNIT's knowledge, the products DO NOT CONTAIN any of the ten restricted substances in concentrations greater than the permissible limit, unless a current exemption is listed. The Technical Construction Files (TCFs) relevant to the products are held at the below listed address for MONNIT Corporation and are available upon request by emailing support@monnit.com. Relative to REACH, the products, as well as any articles contained therein, DO NOT CONTAIN, unless itemized in the exemptions above, any of the Substances of Very High Concern (SVHC) as determined by the date stated above.

Date: 11-JUL-2023

Signed for and on behalf of **MONNIT Corporation** by Kelly S. Lewis, Vice President of Engineering:

Signed at **MONNIT Corporation** at 3400 S. West Temple, South Salt Lake, Utah 84115

Change Log

Revision	Revision Notes	Date	Modified By
A1	Initial Release	15-JUN-22	Stephen Preston
A2	Changes to Directive references, addition of UKCA declaration, and Addition of IEC 63000:2016/ AMD1:2022 as standard of compliance for RoHS	7-JUL-22	Stephen Preston
A3	REACH updates for January 17th and June 14th, 2023.	11-JUL-23	Stephen Preston