



Certificate of Compliance

Certificate: 80223788 **Master Contract:** 166720
Project: 80223788 **Date Issued:** 2025-03-26
Issued to: **WIKA Alexander Wiegand SE & Co. KG** **Issued by:** *Andreas von der Brellie*
Alexander-Wiegand-Str 30
Klingenberg, Bavaria 63911
Germany
Andreas von der Brellie
Attention: Matthias Albert

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



PRODUCTS

Class 2252 06 PROCESS CONTROL EQUIPMENT - Process Control Equipment
Class 2252 86 PROCESS CONTROL EQUIPMENT - Certified to US Standards

Radio Unit with Wireless transmission

Model(s)	Power Supply Type	Input Voltage	Input Current	Output Voltage	Output Current
NETRIS®1 (LXX), NETRIS®1 (MXX), NETRIS®1 (BXX)	Battery Supply	3.6 Vdc	Max. 250 mA	14 Vdc	Max. 21 mA
	External Power Supply	18-30 Vdc	Max. 250 mA	14 Vdc	Max. 21 mA

Notes:



Certificate: 80223788

Master Contract: 166720

Project: 80223788

Date Issued: 2025-03-26

- The above model NETRIS®1 has two different power supply variants:
 battery operated or DC supplied (connected to mains via separately approved power supply unit, not part of this investigation). The devices only differ in marking label (marking label for battery operated or marking label for external operated).
 These different power supply variants cannot be connected to one device at the same time. Permanently connected, Pollution degree: PD4, Mode of operation: Continuous.
- Environmental Conditions: Extended: -20 °C to +60 °C (For all version) -40 °C to +60 °C (External Power supply – Metal. Indoor and Outdoor use (wet location), Altitude up to 2000 m, Rel. humidity: 20 to 90 % non-condensing, Type Rating: Type 4.

Overview of different Model	
NETRIS®1 (Lxx)	Version with LoRaWAN® and Bluetooth®
NETRIS®1 (Mxx)	Version with mioty® and Bluetooth®
NETRIS®1 (Bxx)	Version with Bluetooth®
The fields marked with xx are the respective regional abbreviations of the permissible radio standards, for further information, see product label or operating instructions	

Note:

NETRIS®1 can be connected with the different sensors as described below.

Supported Sensors

RTD	Pt100/Pt1000	°C (°F)
	Potentiometer (1...50 kΩ)	%
Analogue Signal	0...20 mA	mA



Certificate: 80223788

Master Contract: 166720

Project: 80223788

Date Issued: 2025-03-26

	4...20 mA	mA
	0...10 V	V

APPLICABLE REQUIREMENTS

CSA C22.2 No. 61010-1-12,UPD1:2015, UPD2:2016, AMD1:2018, UPD3:2023 - Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 1: General requirements - Third Edition; Update No. 1: July 2015; Update No. 2: April 2016; Update No. 3: June 2023

UL 61010-1 3rd ed (Rev. Jun 6, 2023) - UL Standard for Safety Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements

CSA C22.2 No. 94.2:20 (Third Edition) - Enclosures for electrical equipment, environmental considerations

UL 50E (Third Edition) - UL Standard for Safety Enclosures for Electrical Equipment, Environmental Considerations

Conditions Of Acceptability

1. IP65 and IP67 enclosure rating is self-declared rating and excluded from this evaluation.
2. NETRIS®1 is limited to use with separately Lithium thionyl chloride battery (model Tadiran SL860/S or SL861/S and hybrid layer capacitor (model Tadiran HLC1020L) for this product.
3. The device may only be powered by a power supply unit with a limited energy electric circuit in accordance with CSA/UL/EN/IEC 61010-1:2010 chapter 6.3.1/6.3.2 and 9.4 or class 2 according to CSA 223/UL 1310.



Certificate: 80223788

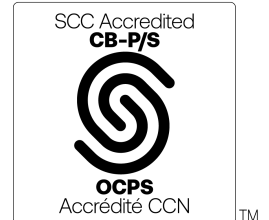
Master Contract: 166720

Project: 80223788

Date Issued: 2025-03-26

Notes:

Products certified under Class(es) C225206, C225286 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca





Supplement to Certificate of Compliance

Certificate: 80223788

Master Contract: 166720

*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
80223788	2025-03-26	Original cCSAus certification of Radio unit for measurement devices model NETRIS1 based on CB report, including evaluation of enclosure estimated for type 4 according to CSA C22.2 No. 94.2 and UL 50E.