



Certificate of Compliance

Certificate: 80223783 **Master Contract:** 166720
Project: 80223783 **Date Issued:** 2025-04-17
Issued to: **WIKA Alexander Wiegand SE** **Issued by:** *Wardell Dumas*
& Co. KG *Wardell Dumas*
Alexander-Wiegand-Str 30
Klingenberg, Bavaria 63911
Germany

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

Pressure sensor with wireless transmission

Model(s)	Input Voltage (VDC)	Current (mA dc)	Max Pressure (Bars (psi))
PEW-1000 (Lxx), PEW-1000 (Mxx), PEW-1000 (Bxx)	3.6	50	1000 (14503.8)

Notes:

1. The above models are permanently connected, Pollution Degree 4, battery powered devices. Enclosure is Type 4 rated for indoor/outdoor use.



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2. Mode of Operation: continuous
3. Environmental Conditions: -20°C to +80°C, 0-95% rH (noncondensing), up to 2000m

Overview of different Model	
PEW-1000 (Lxx)	Version with LoRaWAN® and Bluetooth®
PEW-1000 (Mxx)	Version with mioty® and Bluetooth®
PEW-1000 (Bxx)	Version with Bluetooth®

The 'xx' may be replaced by additional alphanumeric characters standing for the region where the product is intended to be installed. There are additional options, that do not reflect in the model name. These additional options or features as well as the regional code have no effect on the design and are not considered safety relevant after consideration to the applied standards.

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. The listed models are 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.



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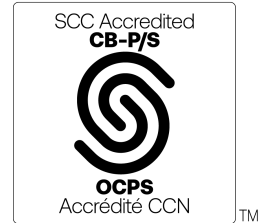
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Notes:

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

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*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
80223783	2025-04-17	Original cCSAus certification of pressure transmitter model PEW-1000- (***) based on CB report, including evaluation of enclosure estimated for type 4 according to CSA C22.2 No. 94.2 and UL 50E.