

CERTIFICATE OF CONFORMITY

1. ELECTRICAL EQUIPMENT PER US REQUIREMENTS

2. Certificate No: FM23NUS0019
3. Equipment:
(Type Reference and Name) WUC-1 and WU-2 Ultra High Purity Transducers
4. Name of Listing Company: WIKA ALEXANDER WIEGAND SE & Co KG
5. Address of Listing Company: Alexander-Wiegand-Straße, 63911 Klingenberg, Germany
6. The examination and test results are recorded in confidential report number:

3036740 dated 16th December 2009

7. FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval standards and other documents:

FM 3810:2021, ANSI/IEC 60529:2020, ANSI/UL 61010-1:2019

8. This certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the product as examined, tested and Approved.

9. Equipment Ratings:

See Annex

10. Description of Equipment:

General - The WIKA Alexander Wiegand SE & Co KG WUC-1 and WU-2 Transducers are designed for pressure measurement of gases or liquids in ultra high purity applications. The transducers each have different process connection facilities and a display with push buttons and alarm contacts. The transducers can withstand a maximum pressure of up to 5000 psi.

Thermal Ratings - The WUC-1 and WU-2 Transducers operate at an ambient temperature of -20°C to +85°C.

Electrical Ratings - The WUC-1 and WU-2 Transducers operate off a maximum supply voltage of 30Vdc

Certificate issued by:



J.E. Marquedant
VP, Manager - Electrical Systems

17 December 2023

Date

To verify the availability of the Approved product, please refer to www.approvalguide.com

THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE

FM Approvals LLC. One Technology Way, Norwood, MA 02062 USA

T: +1 (1) 781 762 4300 F: +1 (1) 781 762 9375 E-mail: information@fmaprovals.com www.fmaprovals.com

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to US Certificate Of Conformity No: FM23NUS0019



11. Specific Conditions of Use:

None

12. Test and Assessment Procedure and Conditions:

This Certificate has been issued in accordance with FM Approvals US Certification Requirements.

13. Schedule Drawings

A copy of the technical documentation has been kept by FM Approvals.

14. Certificate History

Details of the supplements to this certificate are described below:

Date	Description
17 December 2023	Original Issue. Report Reference: RR239415 dated 17 December 2023. Description of Change: Issuance of Ordinary Location Certificate based on Hazardous Location Certificate (FM21US0019) created under Project ID 3036740

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F 332 (Apr 21)



ANNEX

WU-2a-bc-def-gh-jkl-mn Ultra High Purity Transducer

Equipment Ratings:

IP54/67

Description of Equipment:

WU-2a-bc-def-gh-jkl-mn Ultra High Purity Transducer

a = Process Connection Type: 0 (single end), 5 (flow through) or 6 (modular surface mount).
b = Output Signal (one alphabetic character).
c = Attenuation (one alphabetic character).
d = Pressure Unit (one alphabetic character).
e = Absolute or Relative Pressure (one alphabetic character).
f = Pressure Range (any three digit characters).
g = Process Connection (any two digit characters).
h = Process Connection Outlet (any two digit characters).
j = Electrical Connection (any two digit characters).
k = Cable Length (any one digit character).
l = Approvals (any two digit characters).
m = Factory Certificates (one digit character).
n = Other Text (not affecting safety, any letter or number referring to non-electrical properties as product associates, language, delivery packing, documentation, etc.).

WUC-1a-bc-def-gh-jkl-mn Ultra High Purity Transducer

Equipment Ratings:

IP54/67

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WUC-1a-bc-def-gh-jkl-mn Ultra High Purity Transducer

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