

CERTIFICATE OF CONFORMITY

1. HAZARDOUS (CLASSIFIED) LOCATION COMPONENT PER US REQUIREMENTS

2. **Certificate No:** FM25US0264U
3. **Component:** FG4015, FG4014+AC4015 Leadwire and Cable
(Type Reference and Name) Pressure Seal Fitting
4. **Name of Listing Company:** MINCO Products Inc
5. **Address of Listing Company:** 7300 Commerce Lane, Minneapolis, Minnesota
55432, United States of America

6. The examination and test results are recorded in confidential report number:

PR473935 dated 22nd January 2026

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

FM 3600:2022, FM 3611:2021, FM 3810:2021, ANSI/UL 50E:2020 (R2024), ANSI/IEC 60529:2020,
ANSI/UL 61010-1:2024, ANSI/UL 121201:2025

8. The sign 'U' placed after the certificate number indicates that this certificate must not be mistaken for a certificate for equipment or a protective system. This certificate may only be used as the basis for the certification of equipment or a protective system. This certificate is issued to the manufacturer also intended to be the holder of the equipment certificate which includes this component.

9. This certificate relates to the design, examination and testing of the component 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 component as examined, tested and Approved.

10. **Component Ratings:**

Non-Incendive for Class I, Division 2, Groups A, B, C, D; Dust-protected for Class II, Division 2, Groups F and G; Dust-protected for Class III hazardous (classified) locations. Service temperature range is -40°C to 90°C with Ingress Protection IP66 and Type 4X.

Certificate issued by:



J.E. Marquedant
VP, Manager - Electrical Systems

22 January 2026

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

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F 330 (Jul 24)



SCHEDULE

US Certificate of Conformity No: FM25US0264U

11. The marking of the component shall include:

CI I Div 2 Gp ABCD
CI II Div 2 Gp FG
CI III, Type 4X / IP66

12. **Description of Component:**

The Model FG4015 and FG4014 with AC4015 Leadwire and Cable Seal Fittings are cable sealing components designed for use in applications which require one or several conductors or cables to pass through a bulkhead within a small area. Each assembled fitting consists of a compression nut, which threads into a compression body, and compresses an elastomeric grommet which forms a seal around the wire(s) which pass through the fitting.

The fittings are rated for pressure applications with a maximum pressure of 50 PSIG. The seal fittings are offered with a variety of NPT thread types. Additionally, the fittings are offered with 1, 2, 3, 4, or 6 holes, which accommodate a variety of wire diameters ranging from 0.100" to 0.220". The sealing grommet is offered in 2 different materials, neoprene or fluoroelastomer, for different temperature applications. The seal fitting housing body is available in either Type 303 Stainless Steel or Type 316 Stainless Steel. The Model FG4014 Stainless Steel bodies must be used with AC4015 grommets.

Service Temperature Ranges:

Neoprene grommet configurations are rated for use from -40°C to +75°C, while fluoroelastomer grommet configurations are rated for use from -40°C to +90°C.

Electrical Ratings:

The Model FG4015 and FG4014 with AC4015 Leadwire and Cable Seal Fittings are rated for a maximum of 30VDC at 30 mA.

FG4015 and FG4014 with AC4015 Leadwire and Cable Pressure Seal Fitting components when installed according to SPI 00-0801:

FG4014ab with AC4015cde

a = P1, P2, P3, P4, P5, P6, P7, P8, or P9
b = SS or ST
c = 2N, 3N, 6N, 1V, 2V 3V, or 4V
d = 050, 130, 160, 190, 220, 257
e = S or blank

FG4015abcde

a = P1, P2, P3, P4, P5, P6, P7, P8, or P9
b = SS or ST
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13. Schedule of Limitations:

1. Neoprene grommet operating temperature range is -40°C to +75°C (-40°F to +167°F).
2. Fluoroelastomer grommet operating temperature range is -40°C to +90°C (-40°F to +194°F).
3. Leadwire and cable seal fittings are rated for a maximum of 30VDC at 30mA.
4. Fittings are offered with 1/2 NPT or 3/4 NPT threads on the process thread. Fittings are directional and the process thread (marked "P") must be assembled into the bulkhead or machine housing.

14. Test and Assessment Procedure and Conditions:

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

15. Schedule Drawings

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

16. Certificate History

Details of the supplements to this certificate are described below:

Date	Description
22 January 2026	Original Issue.

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