

CERTIFICATE OF CONFORMITY

1. HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

2. **Certificate No:** FM23CA0069
3. **Equipment:** Load Cells, Barrier Sets, Junction Boxes, Summing Boxes Weighing Equipment
(Type Reference and Name)
4. **Name of Listing Company:** Vishay Precision Group
5. **Address of Listing Company:** 2930 Inland Empire Blvd, Suite 100, Ontario, California 91764, United States of America

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

PR465454 dated 28th October 2025

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

CSA C22.2 No. 213:2017, CSA C22.2 No. 60079-0:2019, CSA C22.2 No. 60079-11:2014, CSA C22.2 No. 61010-1:2012

8. If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to specific conditions of use specified in the schedule to this certificate.

9. 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.

10. Equipment Ratings:

Load Cells / Summing Junction Boxes / Junction Boxes - Intrinsically safe for Class I, II and III, Division 1, Groups A, B, C, D, E, F and G; Nonincendive with nonincendive field wiring for Class I, Division 2, Groups A, B, C and D; suitable for Class II Division 2, Groups F and G; suitable for Class III, Divisions 1 and 2 hazardous (classified) locations.

Barrier Set – Associated intrinsically safe for Class I, II and III, Division 1, Groups A, B, C, D, E, F and G hazardous (classified) locations.

Certificate issued by:



J.E. Marquedant
VP, Manager - Electrical Systems

4 November 2025

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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SCHEDULE

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11. The marking of the equipment shall include:

Load Cells, Summing Junction Boxes:

IS CL I, II, III, DIV 1, Groups GP A-G; Entity
NI CL I, DIV 2, GP A-D; NIFW;
S CL II, III, DIV 2, GP F, G; NIFW;
Installed Per Dwg. 468872-2 or 468873
Temp. Code: T4
Ta = -25°C to +40°C

Junction Boxes:

IS CL I, II, III, DIV 1, Groups GP A-G; Entity
NI CL I, DIV 2, GP A-D; NIFW;
S CL II, III, DIV 2, GP F, G; NIFW;
Installed Per Dwg. 468872-2 or 468873
Temp. Code: T6
Ta = -25°C to +40°C

Barrier Sets:

AIS CL I, II, III, DIV 1, GP A-G; Entity
Installed Per Dwg. 468872-2

12. Description of Equipment:

General – Load Cells for various types of weighing and force measurement applications. Load cells are provided in various mounting options and weight measuring ranges. Measurements are based on the Wheatstone Bridge strain gage configuration. The 306 and 308 Junction Boxes provide, a multi-cell interface for load cell signal summing and conditioning instrumentation. The 304 Extension Boxes are used whenever transducer cables are not long enough to reach the summing unit or system instrumentation. The internal terminal block or connection provides wire hookup. Barrier Sets are specific barrier configurations housed in a junction box.

Construction – Load Cell modules are constructed of stainless steel, nickel plated alloy steel, yellow chromate steel, electropolished stainless steel high grade tool steel, low carbon steel, nickel plated beryllium copper and tin plated brass. Junction Boxes are stainless steel construction boxes with hinged or screw down covers. Barrier sets stainless steel equipment boxes with FM Approved barriers mounted inside for input/output connection.

Ratings - The equipment is for use in an ambient temperature range of -25°C to +40°C.

Nonincendive Field wiring Parameters – See Installation Drawing 466673-2.

Intrinsic Safety Entity Parameters – See Installation Drawing 468872-2.

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Load Cells. Part Nos.: ALPHA, C2G1-H, C2G2-H, C2P1, C2P2, C3P1, C3P2, HTZ, KDH-1B, KDH-3, KDH-3B, KDH-5, KIS-1, KIS-2, KIS-3, KIS-1R, KIS-2R, KIS-3R, KIS-1SD, KIS-2SD, KIS-3SD, KIS-8, SBP1, T2P1, T2P2, T3P1, T3P2, U3G1, U3G2, Z-BLOK

Junction Box. Part Nos.: 304, 304SS, 304EX, 304-IS-5, 304-IS-7

Summing Junction Box. Part Nos.: 308A-4-CP, 308A-4-EX, 308A-4-FG, 308A-8-FG, 308A-4-SS, 308A-8-SS, 308A-4-SS-IS-2, 308A-8-CP, 308A-8-CP-IS-3, 308A-8-EX, 308A-4-CP-IS-2, 306-4-SS

Barrier Set. Part Nos.: 404, 405, 404A, 404A-EX, 404A-SS, 405-EX, 406A, 406A-EX, 408A, 408A-EX, 504A, 504A-EX, 505A, 505A-EX, 506A, 506A-EX, 508A, 508A-EX

13. Specific Conditions of Use:

None.

14. Test and Assessment Procedure and Conditions:

This Certificate has been issued in accordance with FM Approvals Canadian Certification Scheme.

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 |
|-----------------|---|
| 28 October 2025 | Original Issue. |
| 4 November 2025 | <u>Supplement 1:</u> Report Reference: RR248423 dated 4 November 2025. Description of the Change(s): Fixed a typing error in the Listing. |

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