



Certificate of Compliance

Certificate: 70199039

Master Contract: 177618

Project: 70199039

Date Issued: January 02, 2020

Issued To: Heinzmann GmbH & Co. KG.
Am Haselbach 1
Schoenau im Schwarzwald,
Baden-Württemberg,
79677
Germany

Attention: Ronny Gränz

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.



Issued by:

Jens Ensminger

PRODUCTS

CLASS C322802 - VALVES Actuators - For Hazardous Locations

CLASS C322882 - VALVES Actuators - For Hazardous Locations-Certified to U.S. Standards

Class I, Division 2, Group D T3C

Valve Actuator Model	Ratings	Ambient temperature range
StG 2080-SV-PD-CAN part number 514-00-100-14	Input rated 18-33 V dc, 7 A maximum	-25 °C ≤ T _a ≤ +90 °C

Ex db IIA T3C Gb

Class I, Zone 1, AEx db IIA T3C Gb

Valve Actuator Model	Ratings	Ambient temperature range
StG40.90-PD-CAN part number 504-00-043-04	Input rated 18-33 V dc, 7 A maximum	-20 °C ≤ T _a ≤ +90 °C



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Conditions of Acceptability:

- 1) This device is OPEN type equipment that must be used within a suitable end-use system enclosure, the interior of which is accessible only through the use of a tool. The suitability of the enclosure is subject to investigation by the local Authority Having Jurisdiction at the time of installation.
- 2) Wiring to or from the device StG 2080-SV-PD-CAN (part number 514-00-100-14), which enters or leaves the system enclosure, must utilize wiring methods suitable for Class I, Division 2 Hazardous Locations, as appropriate for the installation.
- 3) Model StG40.90-PD-CAN (part number 504-00-043-04) can be optionally marked with Class I, Division 2. The installation methods for “Ex db” equipment shall be applied. The installation of the suitable connector is subject to investigation by the local Authority Having Jurisdiction at the time of installation.
- 4) The flameproof joints of model StG40.90-PD-CAN (part number 504-00-043-04) shall not be repaired.
- 5) The devices may only be powered by a power supply unit in accordance with CSA/UL/EN/IEC 61010-1:2010 or class 2 according to CSA 223/UL 1310 with output voltages below the limits of 6.3.1/6.3.2 max. 33 Vdc.
- 6) Suitable rated and separately certified circuit breakers or fuses max. 15 A (as described in installation manual) shall be used in end-use installation. External wiring used in the end-use installation shall be separately certified.

APPLICABLE REQUIREMENTS

Model StG 2080-SV-PD-CAN part number 514-00-100-14

C22.2 No. 213-16 Second Edition	Nonincendive electrical equipment for use in Class I and II, Division 2 and Class III, Divisions 1 and 2 hazardous (classified) locations
ANSI/ISA-12.12.01-2016 Seventh Edition	Nonincendive electrical equipment for use in Class I and II, Division 2 and Class III, Divisions 1 and 2 hazardous (classified) locations
CAN/CSA-C22.2 No. 61010-1-12	Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements
UL 61010-1 (Third Edition)	Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements

Model StG40.90-PD-CAN part number 504-00-043-04

CAN/CSA-C22.2 No. 60079-0:15	Explosive atmospheres — Part 0: Equipment — General requirements
CAN/CSA-C22.2 No. 60079-1:16	Explosive atmospheres — Part 1: Equipment protection by flameproof enclosures “d”
UL 60079-0 Sixth Edition	Explosive atmospheres — Part 0: Equipment — General requirements
UL 60079-1 Seventh Edition	Explosive atmospheres — Part 1: Equipment protection by flameproof enclosures “d”
CAN/CSA-C22.2 No. 61010-1-12	Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements
UL 61010-1 (Third Edition)	Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements



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MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

The following markings shall be provided on the label:

- Manufacturers name: "Heinzmann, GmbH", or CSA Master Contract Number "177618", adjacent to the CSA Mark in lieu of manufacturers name.
- Part number, as specified in the PRODUCTS section, above.
- Electrical ratings: as specified in the PRODUCTS section, above.
- Manufacturing date in MMY format, or serial number, traceable to month of manufacture.
- The CSA Mark as shown on the Certificate of Compliance.
- Hazardous Location designation as per product section, above or equivalent
- Temperature code and ambient temperature range: as specified in the PRODUCTS section, above.
- Model StG40.90-PD-CAN shall be marked with the following number CSA19.70199039X
- The following optional markings may be used for model StG40.90-PD-CAN: Class I, Division 2, Group D T3C

The following markings are provided on a separate certified adhesive label affixed to the housing, adjacent to the connector:

- The words: "WARNING - EXPLOSION HAZARD. Do not connect or disconnect unless power has been removed or the area is known to be nonhazardous."
- The words: "ATTENTION - RISQUE D'EXPLOSION – Ne pas débrancher tant que le circuit est sous tension, sauf s'il s'agit d'une zone non dangereuse."
- The words "WARNING - EXPLOSION HAZARD. Substitution of components may impair suitability for Class I, Division 2." – for Model StG 2080-SV-PD-CAN
- The words: "ATTENTION - RISQUE D'EXPLOSION - Toute modification d'un composant peut altérer la conformité pour utilisation en zone de Classe I, Division 2." – for Model StG 2080-SV-PD-CAN