



Certificate of Compliance

Certificate: 2066900

Master Contract: 177618

Project: 2339321

Date Issued: October 27, 2010

Issued to: Heinzmann GmbH & Co. KG

Am Haselbach 1
Schönau im Schwarzwald, Baden-Wurttemberg 79677
Germany
Attention: Philipp Katzmann

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.



Richard Dibler Jr.

Issued by: Richard Dibler Jr.

PRODUCTS

CLASS 3228 02 - VALVES - Actuators - For Hazardous Locations

CLASS 3228 82 - VALVES - Actuators - For Hazardous Locations-Certified to U.S. Standard

Class I, Division 2, Group D

Valve Actuator – Model StG 2080.22-SV-P, part number 514-00-100-05, or 214046. Temperature code T3C. Input rated 16-40V dc, 7 A maximum. Ambient temperature rated -25°C to 90°C.

Valve Actuator – Model StG 2080.221-SV-PD, part number 514-00-100-07, 514-00-100-09, or 214046B. Temperature code T3C. Input rated 16-40 Vdc, 7 A maximum. Ambient temperature rated -25°C to 90°C.

Valve Actuator – Models StG 2080.21-SV, StG 2040.28-SV-PD, StG 2040.25-SV and StG 40.90-09-PD. Temperature code T3C. Input rated 16-40V dc, 7 A maximum. Ambient temperature rated -25°C to 90°C.

Notes:



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Notes:

- 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 this device, which enters or leaves the system enclosure, must utilize wiring methods suitable for Class I, Division 2 Hazardous Locations, as appropriate for the installation.

APPLICABLE REQUIREMENTS

CAN/CSA Standard C22.2 No. 0-M91 <i>(Reaffirmed 2001)</i>	General Requirements - Canadian Electrical Code, Part II
CSA Standard C22.2 No. 139-1982 <i>(Reaffirmed 1992)</i>	Electrically Operated Valves
CSA Standard C22.2 No. 142-M1987 <i>(Reaffirmed 2000)</i>	Process Control Equipment
CSA Standard C22.2 No. 213-M1987 <i>(Reaffirmed 1999)</i>	Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
UL 429 <i>(Fifth Edition)</i>	Electrically Operated Valves
ANSI/UL Standard 508 <i>(Seventeenth Edition)</i>	Industrial Control Equipment
ANSI/ISA-12.12.01-2007	Non-Incendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Division 1 and 2 Hazardous (Classified) Locations

MARKINGS

The following markings are provided on a CSA Certified (Class 7922-01) adhesive label, which is suitable for indoor or outdoor use on aluminum, at a maximum service temperature of 100°C or higher. The label stock shall be printed with one of the approved printer and ink combinations as specified in the manufacturers listing. Label is affixed to rear of housing.

- Manufacturers name: "Heinzmann, GmbH", or CSA Master Contract Number "177618", adjacent to the CSA Mark in lieu of manufacturers name.



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- Part number, as specified in the PRODUCTS section, above.
- Electrical ratings: as specified in the PRODUCTS section, above.
- Maximum ambient temperature rating: "90°C".
- 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: "Class I, Division 2, Group D", or "CL I, DIV 2, GP D", or "Class I, Div. 2, Group D", or equivalent.
- Temperature code: as specified in the PRODUCTS section, above.

The following markings are provided on a separate CSA Certified adhesive label (same type as above) 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 "WARNING - EXPLOSION HAZARD. Substitution of components may impair suitability for Class I, Division 2."

An installation manual or data sheet shall be supplied with each unit, containing the following minimum marking information:

- Manufacturer's name and address.
- Electrical ratings: as specified in the PRODUCTS section, above.
- Specification for ambient temperature rating: " $-25^{\circ}\text{C} \leq T_a \leq 90^{\circ}\text{C}$ ", or "-25°C to 90°C", or equivalent.
- Specification for the mating connector, by Heinzmann part number, or manufacturer's name and part number.
- Specification for appropriate wiring to the connector, including definition of pin functions, and specification for wire gauge.
- Mounting and installation instructions, including dimensions, and the following words, or equivalent:
 - 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.
 - Wiring to or from this device, which enters or leaves the system enclosure, must utilize wiring methods suitable for Class I, Division 2 Hazardous Locations, as appropriate for the installation.
- The following words, or suitable equivalent:
 - This equipment is suitable for installation in Class I, Division 2, Group D hazardous locations or nonhazardous locations only.
 - WARNING - Explosion Hazard. Do not connect or disconnect this equipment unless power has been removed or the area is known to be nonhazardous.
 - WARNING - Explosion Hazard. Substitution of components may impair suitability for Class I, Division 2.

Note - Jurisdictions in Canada may require these markings to also be provided in French language. It is the responsibility of the manufacturer to provide bilingual marking, where applicable, in accordance with the requirements of the Provincial Regulatory Authorities. It is the responsibility of the manufacturer to determine this requirement and have bilingual wording added to the "Markings".



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
2339321	October 27, 2010	Update of Report 2066900 to include new models StG 2080.21-SV, StG 2040.28-SV-PD, StG 2040.25-SV and StG 40.90-09-PD
2272232	June 28, 2010	Update of Report 2066900 to include new part numbers 514-00-100-07, 514-00-100-09, and 214046B and to add US Certification.
2178459	May 28, 2009	Update of Report 2066900 for model StG 2080 .22-SV-P valve actuator to reflect the inclusion of alternate electronic components.
2066900	December 18, 2008	Supersedes all reports LR 77078-x and 2500000125 (delisted). CANCEL listings in Class 2258 02. Original certification of Model 2080.22-SV-P, part number 514-00-100-05, or 214046