



Certificate of Compliance

Certificate: 1607226 (LR 54227-1)

Master Contract: 173246

Project: 1607226

Date Issued: 2005/09/16

Issued to: Samson AG

Mess- Und Regeltechnik
Department E71
Weismuellerstrasse 3
Frankfurt, 60314
Germany
Attention: Mr. Holger Pflug

The products listed below are eligible to bear the CSA Mark shown



Issued by: Jimmy Lu

Authorized by: Nick Alfano, Operations
Manager

PRODUCTS

CLASS 2258 03 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non -
Incendive Systems - For Hazardous Locations

Class I, Groups A, B, C and D; Class II, Group G:

The following devices are intrinsically safe when connected through Certified safety diode barrier units, rated 28V/280 ohm (max voltage/min resistance), and in accordance with Samson's Installation Instruction (EB--/IO--):



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Models 3763-2 and 3763-3, electro-pneumatic positioners, (per EB8353E/IO8353), Enclosure 3 or 4 rated.

Models 6102-31*, -32*, -33, -34*, -71*, -72*, -73 and -74*, electro-pneumatic converters, (per EB6102E/IO6102), Encl. 3 or 4 rated.

Models 424-10* and 424-11*, electro-pneumatic converters, (per EB420E/IO420).

CLASS 2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe Entity - For Hazardous Locations

Ex ia IIC T6; Class I, Zone 0:

Class I, Division 1, Groups A, B, C and D; Class II, Division 1; Groups E, F and G; Class III:

Model 4746 Limit Switch, Temperature Code T6 at ambient of +60°C, T5 at +70°C and T4 at +80°C, Type 3 or 4 Enclosure rated; Intrinsically safe when installed per control installation drawing EB 8365 EN.

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Div. 2, Groups A, B, C and D; Class II, Div. 2, Group G:

Models 3763-2 and 3763-3, electro-pneumatic positioners, rated 28V max, 0-20mA or 4-20mA or 1-5mA, enclosure 3 or 4 rated.

Models 6102-31*, -32*, -33, -34*, -71*, -72*, -73 and -74*, electro-pneumatic converters, rated 28V max, 0-20mA or 4-20mA, Encl. 3 or 4 rated.

Models 424-10* and 424-11*, electro-pneumatic converters, rated 28V max, 0-20mA or 4-20mA.

Notes:

1. Models marked with an asterisk "*" are Certified for installation in field enclosures or rack.
2. Model numbers may have a period after first digit (Eg. Model 3763-2 maybe represented by 3.763-2).
3. Suffixes may be added to denote minor variations, construction, options or enclosure type.



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Class I, Div. 2, Groups A, B, C and D; Class II, Div 2, Groups E, F and G; Class III:

Model 4746 Limit Switch, rated 15.5V max, 50mA max, Temperature Code T6 at ambient of +60°C, T5 at +70°C and T4 at +80°C, Type 3 or 4 Enclosure rated.

APPLICABLE REQUIREMENTS

CSA-C22.2 No. 25-1966 - Enclosures for Use in Class II, Groups E, F and G Hazardous Locations

CAN/CSA-C22.2 No. 94-M91 - Special Purpose Enclosures

CSA-C22.2 No.142-M1987 - Process Control Equipment

CAN/CSA C22.2 No. 157-1992 - Intrinsically Safe and Non-incendive Equipment for Use in Hazardous Locations

CSA C22.2 No. 213-M1987 - Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations

CAN/CSA-E60079-0:02 - Electrical Apparatus for Explosive Atmospheres, Part 0 - General Requirements

CAN/CSA-E60079-11:02 - Electrical Apparatus for Explosive Atmospheres, Part 11 - Intrinsic Safety "i"

MARKINGS

For Model 3763-2 and -3

- Company name;
- Model number;
- Serial number;
- Electrical rating;
- Hazardous locations designation;
- Special purpose enclosure designation, "Type 3 or 4";
- CSA Monogram;
- The Symbol Exia;
- The words "INTRINSICALLY SAFE/SECURITE INTRINSEQUE";
- Reference to Installation Instructions;



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- A statement re intrinsically safe;
- Caution re substitution of components.

For Model 4746

- CSA Monogram;
- Submittor identification;
- Model number;
- Serial number or date code;
- Electrical rating/Entity parameters;
- Hazardous location designation;
- Reference to installation drawing number;
- Temperature code rating;
- Maximum ambient; and
- Certification year and Certificate number followed by an indicator 'X'.

For Models 6102-31, -32, -33, -34, -71, -72, -73 and -74

- Company name;
- Model number;
- Serial number;
- Electrical rating;
- Hazardous locations designation;
- Special purpose enclosure designation, "Type 3 or 4";
- CSA Monogram;



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- Temperature code rating T5 and/or T6;
- The Symbol Exia;
- Reference to Installation Instructions;
- A statement re Intrinsically Safe.

For Models 424-10 and 11

- Company name;
- Model number;
- Serial number;
- Electrical rating;
- Hazardous locations designation;
- CSA Monogram;
- Temperature code rating T4, T5 and T6;
- The Symbol Exia;
- Reference to Installation Instructions;
- A statement re Intrinsically Safe.