



# Certificate of Compliance

**Certificate:** 1607866 (LR 54227-16)

**Master Contract:** 173246

**Project:** 1607866

**Date Issued:** 2005/09/16

**Issued to:** Samson AG

Mess- Und Regeltechnik  
Department E71  
Weismuellerstrasse 3  
Frankfurt, 60314  
Germany  
Attention: 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 04** - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For  
Hazardous Locations

Ex ia IIC T6; Class I, Zone 0:

Class I, Division 1, Groups ABCD; Class II, Division 1; Groups E, F and G; Class III:

Electro-pneumatic converter Model 6116, Temperature Code T6 at ambient of +60°C, T5 at +70°C and T4 at +80°C; Type 4 Enclosure; Intrinsically safe when installed per control installation drawing EB 6116 EN.



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**CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations**

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

Electro-pneumatic converter Model 6116, rated input 0-20mA, 4-20mA, or 1-5mA dc, Type 4 Enclosure, Temperature Code T6 at ambient of +60°C, T5 at +70°C and T4 at +80°C.

**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**

- CSA Monogram;
- Submittor identification;
- Model number;
- Serial number or date code;
- Electrical rating/Entity parameters
- Hazardous location designation;
- Reference to installation drawing number;
- The Caution: "Warning - Substitution of Components May Impair Intrinsic Safety";
- Temperature code rating;
- Maximum ambient;



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- Special purpose enclosure designation
- Certification year and Certificate number followed by an indicator 'X'.