



Hazardous (Classified) Location  
 Class I / Division 1 / Groups ABCD  
 Ex ia [ia Ga] IIC Gb  
 Class I / Zone 1 / AEx ia [ia Ga] IIC Gb

**Safety instructions:**

**Installation**

- Installation should be in accordance with Canadian Electrical Code CSA C22.2 part I.
- **WARNING - EXPLOSION HAZARD - DO NOT DISCONNECT WHILE CIRCUIT IS LIVE UNLESS AREA IS KNOWN TO BE NON-HAZARDOUS.**  
 AVERTISSEMENT: RISQUE D'EXPLOSION. NE PAS DÉBRANCHER TANT QUE LE CIRCUIT EST SOUS TENSION, À MOINS QU'IL NE S'AGISSE D'UN EMPLACEMENT NON DANGEREUX.
- **WARNING: SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY.**  
 AVERTISSEMENT. LA SUBSTITUTION DE COMPOSANTS PEUT COMPROMETTRE LA SÉCURITÉ INTRINSÈQUE.

**Conditions of Acceptability:**

- Must be installed, according to Manufacturer's Control Drawing, CEC, Part I and NEC in a suitable enclosure and accepted by the local inspection authority having jurisdiction.
- Are intended for a controlled environment 55°C, 70°C or 80°C maximum surrounding air temperature, pollution degree 2.
- The dielectric strength of at least 500V of the intrinsically safe circuits of the surge suppression device type HAW569-DA2B is limited only by the overvoltage protection.

Connection with intrinsically safe circuits with:

$U_i = V_{max} \leq 30 \text{ V}$   
 $I_i = I_{max} \leq 500 \text{ mA}$   
 $C_i = 0 \text{ F}$   
 $L_i = 0 \text{ H}$

Maximum ambient temperature:

-40 °C to +55 °C for T6  
 -40 °C to +70 °C for T5  
 -40 °C to +80 °C for T4

Certificate No.: CSA19CA70159200

Class 2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations  
 Ex ia [ia Ga] IIC T6...T4 Gb  
 IS Class I, Div 1, Groups A, B, C, D T6...T4

Class 2258 84 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations – Certified to US Standards  
 Class I, Zone 1, AEx ia [ia Ga] IIC T6...T4 Gb  
 Class I, Div 1, Groups A, B, C, D T6...T4

	Approved Pfanzelt	Date (yyyy-mm-dd) 2019-11-05	10000011234	Dwg.rev. -	Revision no. -	Revision date (yyyy-mm-dd) -	Name -	Material 71481093	Endress+Hauser
Volume (mm³)	Designed Buchner	Date (yyyy-mm-dd) 2019-11-05	Unit HAW569-DA2B	Scale 1:1	Title Control drawing CSA XA02089K/09/EN/01.20			Series	
Refer to protection notice ISO 16016	Edge of working parts ISO 13715	Geometrical tolerancing ISO 2768-mH-E	Part No.	Format A4				Objekt version Sheet 1 of 1	Endress + Hauser Wetzler GmbH+Co. KG Nesselwang / Germany