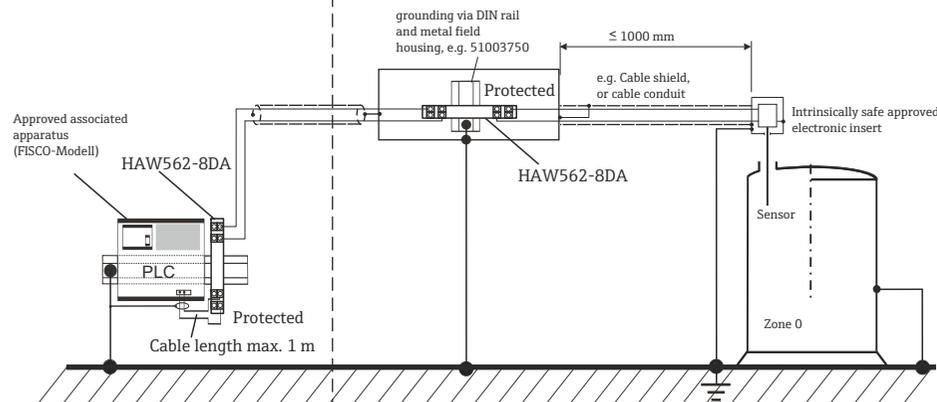




Non hazardous area

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



Safety instructions:
Installation

- CSA approved apparatus must be installed in accordance with manufacturer's instructions.
- Conductors/cables must be used with cable screening, metal clad or conduit.
- All metal parts in the potentially explosive area have to be connected to the equipotential bonding system.
- The connection between the enclosure of the terminal equipment and local mass must have a minimum crosssection of 4 mm² (AWG 6).
- All earth connections have to be secured.
- The dielectric strength of at least 500 V of the intrinsically safe circuit of type HAW562-8DA is limited only by the overvoltage protection. Terminals X3, X4, X3' and X4' are considered to be connected to earth.
- Under certain extreme circumstances, the exposed plastic surfaces of the non-metallic case may generate an ignition-capable level of electrostatic charge. Therefore the equipment shall not be installed in a location where the external conditions are conducive to the build-up of electrostatic charge on the enclosure surfaces. In addition, the equipment shall only be cleaned with a damp cloth.
- The temperature classification varies, depending on maximum ambient temperature.

Intrinsic safety parameters:

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

When connected to FISCO systems:

$U_i = V_{max} \leq 17.5 \text{ V}$
 $I_i = I_{max} \leq 380 \text{ mA}$
 $P_i \leq 5.32 \text{ W}$
 $C_i = 0 \text{ F}$
 $L_i = 0 \text{ H}$

Maximum ambient temperature:

-40 °C to +50 °C for T6
 -40 °C to +75 °C for T5
 -40 °C to +80 °C for T4

Certificate No.: CSA18CA70176484

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 Buchner	Date (yyyy-mm-dd) 2019-02-06	10000010453	Dwg.rev. -	Revision no. -	Revision date (yyyy-mm-dd) -	Name -	Material 71426163	Endress+Hauser
Volume (mm³)	Designed Pfanzelt	Date (yyyy-mm-dd) 2018-05-07	Unit HAW562-8DA	Scale 1:1	Title Control drawing CSA XA01822K/09/EN/01.18			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