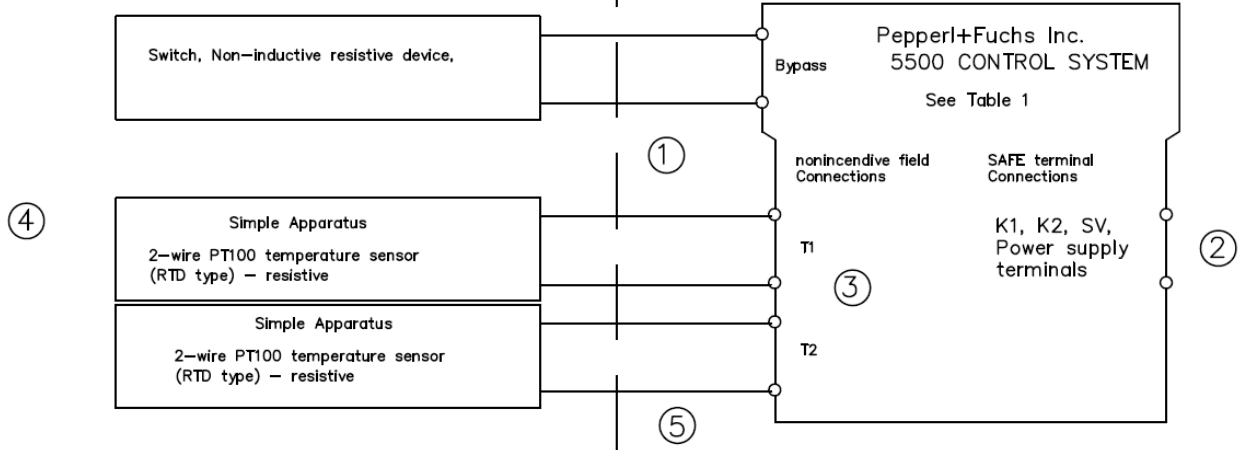


AREA CLASSIFICATION LOCATION

CLASS I, ZONE 2, GROUPS IIC, IIB, IIA or
 CLASS I, DIVISION 2, GROUPS A,B,C,D
 CLASS II, DIVISION 2, GROUPS F, G
 or
 Safe area

AREA CLASSIFICATION LOCATION

CLASS I, ZONE 2, GROUPS IIC, IIB, IIA or
 CLASS I, DIVISION 2, GROUPS A,B,C,D
 CLASS II, DIVISION 2, GROUPS F, G
 or
 Safe area



- (1) Non-Incendive/Intrinsically safe wiring must be installed in accordance with all applicable local and national codes.
 - (2) The 5500 control system shall not be connected to any device that uses or generate in excess of 250Vrms or DC.
 - (3) Any combination of bypass, T1, and T2 connections can be made.
 - (4) The Entity concept allows interconnection of non-incindive/Intrinsically safe aparatus with associate apparatus not specifically examined in combination as a system when the approved values for U_o (V_{oc}) and I_o (I_{sc}), for the associated apparatus are less than or equal to U_i (V_{max}), I_i (I_{max}) of the apparatus, and the approved values of C_o (C_a) and L_o (L_a) for the associated are greater than the $C_i + C_{cable}$ and $L_i + L_{cable}$, respectively for the non-incendive/Intrinsically Safe device.
- $C_{cable} = 60pF/ft$ if unknown
 $L_{cable} = 0.2uH/ft$ if unknown
- (5) the PT100 cable is limited to 3 meters
 - (6) "Warning – Explosion Hazard - Substitution of Components may impair suitability for Class I, Division 2."
 ADVERTISEMENT: La substitution de composats peut compromettre emplacements de Class I, Division 2
- "Warning – Explosion Hazard – Do not disconnect while circuit is live unless area is known to be non-hazardous."

Dieses Dokument enthält sicherheitsrelevante Angaben. Es darf nicht ohne Absprache mit dem Normenexperten (NE Ex) geändert werden!		
This document contains safety-relevant information. It must not be altered without the authorization of the norm expert (NE Ex) !		
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Worldwide		sheet 1 of 2

Entity parameters for following connections.

Valid for

Class I Division 2 Groups A, B, C, D

Class II Division 2 Groups F, G

Zone 2 IIC

Zone 22 IIIC

Connection	Uo (Voc)	Io (Isc)	Co (Ca)	Lo (La)
Bypass	5.15V	5.76mA	79uF	100mH
T1	5.15V	9.21mA	79uF	100mH
T2	5.15V	9.21mA	79uF	100mH

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sheet 2 of 2