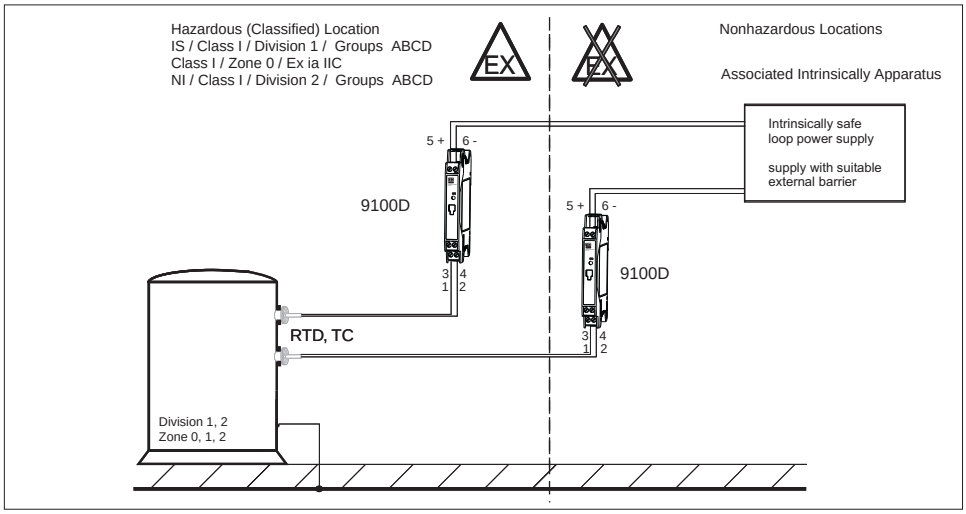
REV	ECO	REVISION DESCRIPTION	BY	APPROVED	DATE



Installation Notes 9100D

1) CSA certified apparatus must be installed in accordance with manufacturer's instructions.
2) The installation must be in accordance with the Canadian Electrical Code.
3) CSA certified associated apparatus must meet the following requirements:
   Uo or Voc ≤ Ui or Vmax Io or Isc ≤ Ii or Imax Po or Pmax ≤ Pi Ca or Co ≥ Ci + Ccable La or Lo ≥ Li + Lcable
4) Use supply wires suitable for 5°C above surrounding.
5) The product will be installed in a suitable enclosure accepted by local authority having jurisdiction
6) Terminals 1, 2, 3 and 4 provide Intrinsically safe and non-incendive circuits to RTD's, Thermocouples and other passive resistive devices.
7) For Division 2 installations
   Warning: Do not disconnect equipment unless power has been switched off or the area is known to be nonhazardous.
   Warning: Substitution of components may impair suitability for intrinsic safety and Class I, Division 2.

9100D	**INTRINSICALLY SAFE** **Class I / Div. 1 / Groups ABCD / T4/T5/T6** **Class I / Zone 0 / Ex ia IIC / T4/T5/T6**	**NONINCENDIVE** **Class I / Div. 2 / Groups ABCD / T4/T5/T6**
Supply circuit (Terminals 5+ and 6-)	Vmax = Ui ≤ 30 VDC Ci = 0 Imax = Ii ≤ 100 mA Li = 0 Pmax = Pi ≤ 750 mW	Vmax = Ui ≤ 30 VDC Ci = 0 Imax = Ii ≤ 100 mA Li = 0
Sensor circuit (Terminals 1, 2, 3 and 4)	Voc = Uo ≤ 5.0 VDC Isc = Io ≤ 5.9 mA P = Po ≤ 7.2 mW	
Max. Connecting Values Group A, B IIC (concentrative L, C Group C IIB e.g. cable) Group D IIA	La = Lo = 100 mH Ca = Co = 100 µF La = Lo = 100 mH Ca = Co = 1000 µF La = Lo = 100 mH Ca = Co = 1000 µF	
Temperature range T6: T5: T4:	Ta = -40°C ... +55°C Ta = -40°C ... +70°C Ta = -40°C ... +85°C	
	NONINCENDIVE **Class I / Division 2 / Groups ABCD / T4/T5/T6** Vmax ≤ 35 VDC intrinsic safety barrier not required	

UNLESS OTHERWISE NOTED
DIMENSIONS ARE IN INCHES
DO NOT SCALE DRAWING

TOLERANCES
UNLESS OTEHRWISE NOTED

DECIMAL	FRAC
.XXX +/-	+/-
.XX +/-	ANG
.X +/-	+/-

MATERIAL

Weed Instrument Company, Inc.
Round Rock, Texas

TITLE

CSA Control Drawing, 9100D

			SIZE	CODE IDENT	DOC NO.	REV
FILE NAME						
DRAFTER	SAJ	12 May 04	**A**	**33969**	0014-001-0010	0
ENGINEER	SAJ	12 May 04	SCALE:		SHEET 1 OF 1	
REVIEWER						
QA						