Installation Notes TMT 112





- 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.

TMT 112	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-)	$\begin{array}{llllllllllllllllllllllllllllllllllll$	$\begin{array}{llllllllllllllllllllllllllllllllllll$						
Sensor circuit (Terminals 1, 2, 3 and 4)	$\begin{array}{cccccccccccccccccccccccccccccccccccc$							
Max. Connecting Values Group A, B IIC (concentrative L, C Group C IIB e.g. cable) Group D IIA	intrative L, C Group C IIB 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/T Vmax ≤ 35 VDC intrinsic safety barrier not required	T6						

Edge	e of working	ts ISO 1. +0.2	ISO 13715 -0.2		Geometrical Tolerancing ISO 2768-mH-E		Scale Volume: [mm³] Material ZD 031R/09/en/01.04 IdentNo. 510 07640		
					Date	Name	Title		
				Drawn	2004-01-26	Meroth			
				Check.	2004-01-26	Meroth	CONTROL DRAWING CSA		
				Norm			iTEMP TMT 112		
				Sheet size A4 Repl. for:					
				ENDRESS+HAUSER WETZER			Drawing No. Shee	<i>>†</i>	
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