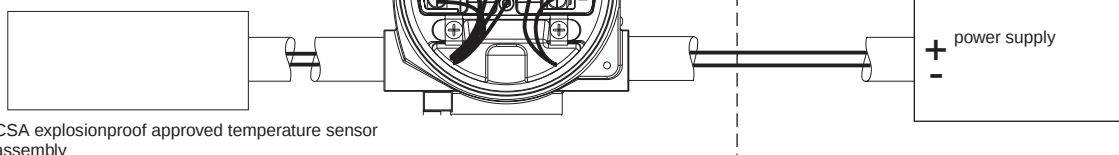


Hazardous (Classified) Location
Class I / Division 1, 2 / Groups ABCD
Class I / Zone 0 / IIC T6/T5/T4
Class II / Division 1, 2 / Groups EFG
Class III

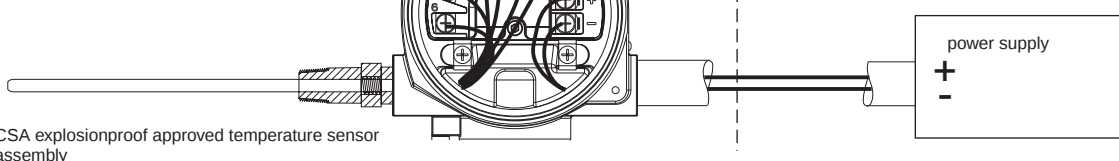


Nonhazardous Locations

Remote mount sensor configuration



Direct mount sensor configuration:

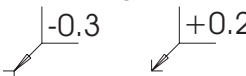


Installation Notes TMT 162

(Explosion Proof and Dust Ignition Proof)

- CSA certified apparatus must be installed in accordance with manufacturer instructions
- Install per Canadian Electrical Code.
- All Conduits must be assembled with a minimum of five full threads engagement.
- Temperature Sensor assembly must be CSA approved for appropriate area classification.
- Use supply wires suitable for 5°C above surroundings.
- Stating that only simple apparatus should be terminated to the sensor connection.
Simple apparatus are components as defined by the CEC (1.2V, 0.1A, 0.25mW or 20μJ)
- For Group A, seal all conduits within 18 inches of enclosure; otherwise, conduit seal not required for compliance with NEC 501.5(A)(1)(1).
- In Class II use a dust tight seal
- Keep tight when circuits alive.

TMT 162		EXPLOSIONPROOF NONINCENDIVE DUST IGNITION PROOF	Class I / Division 1 / Groups ABCD Class I / Division 2 / Groups ABCD Class II,III / Division 1 / Groups EFG
Supply Circuit (Terminals + and -)		U ≤ 40 V DC P ≤ 3 W	
Temperature Range	T4	Ta = -40°C ... +85°C	
	T5	Ta = -40°C ... +70°C	
	T6	Ta = -40°C ... +55°C	

Edge of working parts ISO 13715				Geometrical Tolerancing ISO 2768-mH-E		series	Scale		Volume: [mm³]
							Material ZD 025R/09/en/08.03		
							Ident.-No. 510 05928		
				Date	Name	Title			
				Drawn 2003-04-03	Pfanzelt	CONTROL DRAWING CSA EXPLOSION PROOF ITEMP TMT162			
				Check. 2003-04-03	Pfanzelt				
				Norm					
				Sheet size A4					
				Repl. for:					
				ENDRESS+HAUSER WETZER		Drawing No.		Sheet 1	
Index Revision Date Name						14 12 00 114		Of 1	
Part:									