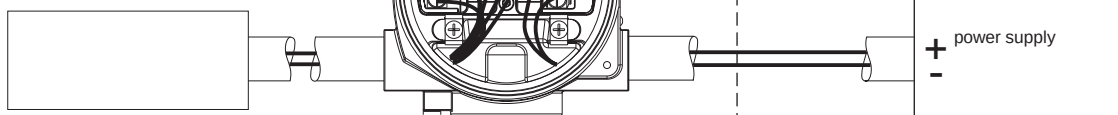


Hazardous (Classified) Location
Class I / Division 1, 2 / Groups ABCD
Class I / Zone 0 / IIC T6/T5/T4
Class II / Division 1, 2 / Groups EFG
Class III



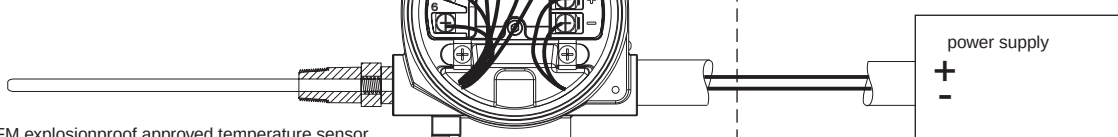
Nonhazardous Locations

Remote mount sensor configuration



FM explosionproof approved temperature sensor assembly

Direct mount sensor configuration:



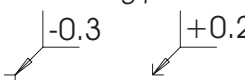
FM explosionproof approved temperature sensor assembly



Installation Notes TMT 162 (Explosion Proof and Dust Ignition Proof)

- FMRC certified apparatus must be installed in accordance with manufacturer instructions.
- Install per National Electrical Code (NEC).
- For Class I seal all conduits within 18 inches of enclosure.
- All Conduits must be assembled with a minimum of five full threads engagement.
- Temperature Sensor assembly must be FM approved for appropriate area classification.
- For field wiring connections 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 NEC (1.2V, 0.1A, 0.25mW or 20μJ)
- Class II use a dust tight seal
- Keep tight when circuits alive.

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

Edge of working parts ISO 13715				Geometrical Tolerancing ISO 2768-mH-E		Series	Scale		Volume: [mm³]
							Material ZD 023R/09/en/04.03 Ident.-No. 510 05926		
					Date	Name	Title CONTROL DRAWING FM EXPLOSION PROOF ITEMP TMT162		
				Drawn	2003-01-16	Pfanzelt			
				Check.	2003-01-16	Pfanzelt			
				Norm					
				Sheet size A4			Drawing No. 14 12 00 113		
				Repl. for:					
				ENDRESS+HAUSER WETZER			Sheet 1 Of 1		
Index	Revision	Date	Name						
Part:									