

Spring Loaded Terminal Block

MIEPL make MTT11 Thermocouple are the most common, convenient, and versatile devices used to measure temperature. They convert units of heat into useable engineering units that serve as input signals for process controllers and recorders. Mainly used in Power, Chemical, steel and Oil Industries. This type of Thermocouple have Spring Loaded Bayonet Fitting.



FEATURES

- Mineral insulated
- Spring loaded design
- Ceramic block with Ni-plated or Silver plated terminals

APPLICATION

- Spares / Replacements

REFERENCE

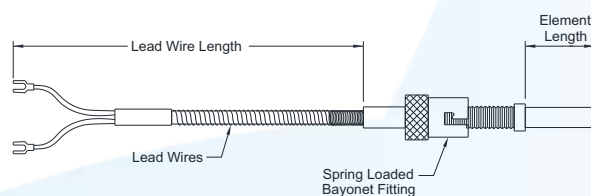
- IEC-584.2 / ANSI MC-96.1

STANDARD SPECIFICATIONS

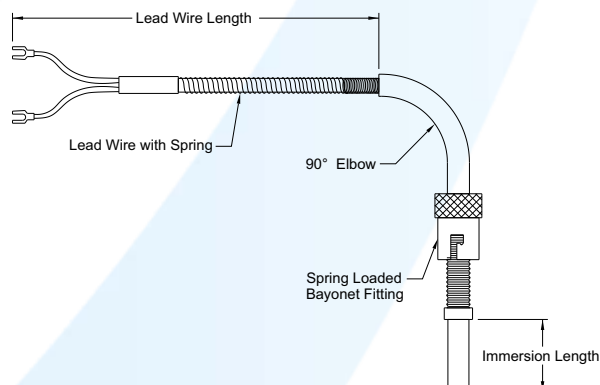
Element	: Type K (NiCr-Ni)
Accuracy	: Standard to ISA & ANSI MC96.1
No. of sensors	: Simplex
Hot junction	: Ungrounded
Sheath material	: AISI 316 SS
Sheath diameter	: 6.0 mm
Cold End Termination	: Spring Loaded Terminal Block (OD = 41 mm, PCD = 33 mm)
Total length	: 150 mm

DRAWING

STRAIGHT TYPE



ANGULAR TYPE



ORDERING CODE

ORDERING CODE		MTT11	-	K	-	P	-	V	-	U	-	MF	-	M45	-	KR	-	B4	-	X1	-	J6
1. ELEMENT	Type K (NiCr-Ni)	K																				
	Type J (Fe-CuNi)	J																				
	Type E (NiCr-CuNi)	E																				
	Type T (Cu-CuNi)	T																				
2. ACCURACY	Standard			P																		
3. NO. OF SENSORS	Simplex							V														
4. HOT JUNCTION	Ungrounded									U												
	Grounded										G											
5. SHEATH MATERIAL	AISI 316 SS											MF										
6. SHEATH DIAMETER	3.0 mm													M30								
	4.5 mm													M45								
	1/4" (6.35 mm)													I14								
	8.0 mm													M80								
7. IMMERSION LENGTH (IL)	8 mm up to 200 mm													XXX								
8. LEAD WIRE LENGTH (WL)	Up to 25,000 mm													XXXXX								
9. LEAD WIRE TYPE	PTFE insulated																	KP				
	PTFE / PTFE insulated																	KQ				
	PTFE / PTFE / SS braided																	KR				
	FG / FG / SS braided																	KS				
10. SENSOR MOUNTING STYLE	Straight type																	B4				
	90° Angular type																	B5				
	Button type																	B6				
11. PROCESS CONNECTION TYPE	Single slotted																			X1		
	Double slotted																				X2	
12. PROCESS CONNECTION	Bayonet connector, Ø12 mm																					J6
	Bayonet connector, Ø14 mm																					J7
13. OTHER OPTIONS	Calibration Certificate																					SB
	Tag plate, AISI 304 SS																					WF
Ordering Example : MTT11 - K - P - V - U - MF - M45 - KR - B4 - X1 - J6																						
1. Other sheath diameters, connections are available, please contact factory for details..																						
2. Bayonet connectors are always provided with spring loading for proper fittment.																						