



PTFE PFA FEP J K T Type Thermocouple Extension Cable Wire Copper Heating Insulated

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001
- Model Number: K,N,E,J,T,B,R,S Types
- Minimum Order Quantity: 5
- Packaging Details: Spool package with Carton box, Coil package with polybag
- Delivery Time: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month



Product Specification

- Product Name: Thermocouple Extension Wire
- Color: Bright
- Certificate: ISO9001
- Temperature Range: 32 To 392F (0 To 200C)
- EMF Tolerance: +/- 2.2C Or +/- .75%
- Grade: Extension Grade NPX/NNX
- Positive: Ni-cr-si
- Negative: Ni-si-magnesium
- Other Name: Nicrosil
- Special Limits Of Error: +/- 1.1C Or 0.4%
- Highlight: **FEP Insulation Extension Cable Wire, Copper Solid Heating Insulated Wire**



More Images



Product Description

Thermocouple Extension Wire is a cable designed to extend thermocouple signals and can be used with a variety of thermocouple types, including Type K, Type N, Type E, Type J, Type T, Type B, Type R, and Type S . It provides reliable signal transmission and temperature measurement solutions and is commonly used in industrial control systems, laboratory testing and temperature monitoring applications. Thermocouple Extension Wire has good linear characteristics and anti-interference ability, can accurately transmit the weak voltage signal generated by the thermocouple, and maintain the stability and accuracy of the signal. Whether performing high-temperature furnace control, chemical process monitoring, or laboratory temperature measurement, Thermocouple Extension Wire provides reliable signal transmission to ensure the accuracy and reliability of temperature monitoring systems.

Thermocouple Wire

Our Product Introduction

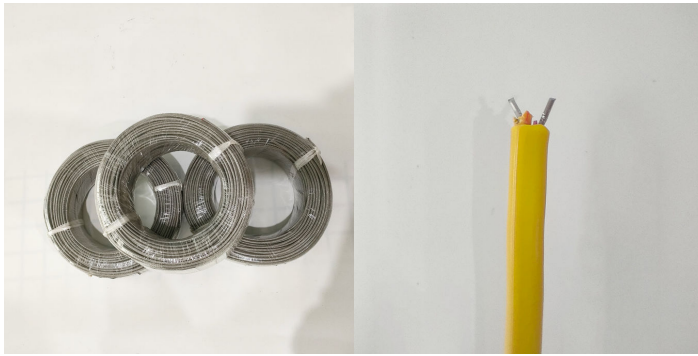
Code	Wires component of the thermocouple		
	+Positive leg	-Negative leg	
N	Ni-cr-si (NP)	Ni-si-magnesium (NN)	
K	Ni-Cr (KP)	Ni-Al(Si) (KN)	
E	Ni-Cr (EP)	Cu-Ni<constantan> (EN)	
J	Iron (JP)	Cu-Ni<constantan> (JN)	
T	Copper (TP)	Cu-Ni<constantan> (TN)	

Standards

ASTM	ANSI	IEC	DIN	BS	NF	JIS	ГОСТ
(American Society for Testing and Materials) E 230	(American National Standard Institute) 96.1	(European Standard by the International Electrotechnical Commission 584)-1/2/3	(Deutsche Industrie Normen) 60584 -1/2	(British Standards) EN4937.1041, 60584 - 1/2	(Norme Française) EN 60584 -1/2 - NFC 42323 - NFC 42324	(Japanese Industrial Standards) C 1602 Sp C 1610	(Ur Ru Sp) 30

Thermocouple indexing	No.	Compensation wire type	Usag Classification	Measuring junction temperature / °C	standard value/μV	EMF	Precision grade		General grade	
							Tolerance μV	Thermal EMF range μV	Tolerance μV	Therm
SorR		SC or RC	G	100	646		±30	616~676	±60	586~7
			H	100	646		-	-		586~7
				200	1 1441		-	-	±60	1.381~
K		KX,KCA or KCB	G	-25	-968		±40	-924~-1 012	±80	-880~-
				100	4 096			4 052~4 140		4 008~
			H	-25	-968		±40	-924~-1 012	±88	-880~-
				100	4 096			4 052~4 140		4 008~
N		NX or NC		200	8 138			8 094~8 182		8 050~
			G	-25	-646		±43	-603~-689	±86	-560~-
				100	2 774			2 731~2 817		2 688~
			H	-25	-646		±43	-603~-690	±86	-560~-
E		EX		100	2 774			2 731~2 817		2 688~
				200	5 913			5 870~5 956		5 827~
			G	-25	-1 432		±81	-1 351~-1 513	±138	-1 294
				100	6 319			6 238~ 6400		6 181~
J		JX	H	-25	-1 432		±81	-1 351~-1 513	±138	-1 294
				100	6 319			6 238~6 400		6 181~
				200	13 421			13 340~13 502		13 283~
			G	-25	-1 239		±62	-1 177~-1 301	±123	-1 116
T		TX		100	5 269			5 207~5 331		5 146~
			H	-25	-1 239		±62	-1 177~-1 301	±123	-1 116
				100	5 269			5 207~5 331		5 146~
				200	10 779			10 717~10 841		10 656~
			G	-25	-940		±30	-910~-970	±60	-850~-
				100	4 279			4 249~4 309		4 189~
			H	-25	-940		±48	-892~-988	±90	-850~-
				100	4 279			4 231~4 327		4 189~

Calibration of thermocouple	Model number of Compensation cable	Alloy wire name of cable	Compensation
S or R	SC or RC	Cu-CuNi	
K	KC	Cu-CuNi	
	KX	NiCr-NiSi	
N	NC	Fe-CuNi	
	NX	NiCrSi-NiSiMg	
E	EX	NiCr-CuNi	
J	JX	Fe-CuNi	
T	TX	Cu-CuNi	



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