MERKMALE

- **Freiliegende geschweißte Verbindung**

- **IEC-584-3 Klasse 1**

- **Durable Teflon-PTFE-Isolierung**

- **Miniaturstecker**

RS Pro Thermoelement Typ K, 2 m Länge, 1/0,2 mm Durchmesser → +250 °C

RS Best.-Nr. 110-4482

Professionelle Produkte von RS bieten Ihnen hochwertige Teile in allen Produktkategorien. Unsere Produktpalette wurde von Ingenieuren getestet und bietet eine vergleichbare Qualität wie die führenden Marken, ohne einen Premium-Preis zu zahlen.

Produktbeschreibung

Von RS PRO gibt es eine Reihe von Feindraht-Thermoelementen vom Typ J, K und Typ T, die den Standards IEC 584-3 mit Toleranzklasse 1 für optimale Genauigkeit entsprechen. Diese Feindraht-Temperatursensoren Typ K und Typ T haben eine langlebige Teflon-PTFE-Isolierung, Klasse 1 um zweifach verdrillte 1/0,2-mm-Kabel. Das Kabel ist angeschlossen an einen lösbaren Mini-Flachstiftstecker für einen schnellen und einfachen Anschluss. Diese Thermoelemente haben eine freiliegende, geschweißte Kontaktstelle, die ihnen eine schnelle Ansprechzeit ermöglicht.

Allgemeine

Thermoelementtyp	Typ K
Temperaturmessbereich	-75 °C bis 250 °C.
Baugewerbe	Feindrahtsensor
Messstelle	Freigelegt
Genauigkeit	±1.5°C
Ausgang	100 °C = 4,096 mV
Seebeck-Koeffizient	41 µV / °C
Sender	Keine
Kalibrierungsverfügbarkeit	Ja
Anwendung	Test- und Entwicklungsanwendungen einschließlich Test- und Messtechnik, Temperatur-Mapping und OEM-Anwendungen

Mechanische

Sondendurchmesser	1/0.2mm
Sondenlänge	2m
Prozessanschluss	Geformter 2-poliger Stecker
Isolierung/Ummantelung	Teflon ® PTFE-Isolierung
Typ der Anschlussklemmen	Miniaturstecker
Kompensierende Kabellänge	2m
Kabelisolierung	PTFE

Zulassungen

Konformität/Zertifizierung	EN61340, IEC60584
Normen erfüllt	IEC
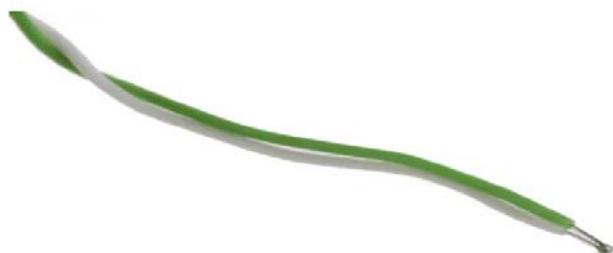
T/C Type	Conductors	Length	Termination	+Positive tail wire	-Negative tail wire code	Allied Code	RS order Code
'K'	1/0.2mm	1 metre	Mini plug	Green	White	70643600	363-0250
'K'	1/0.2mm	2 metre	Mini plug	Green	White		110-4482
'K'	1/0.2mm	5 metre	Mini plug	Green	White		123-6306
'K'	1/0.2mm	10 metre	Mini plug	Green	White		123-6307
'J'	1/0.2mm	1 metre	Mini plug	Black	White	70643599	363-0244
'J'	1/0.2mm	2 metre	Mini plug	Black	White		123-6308
'J'	1/0.2mm	5 metre	Mini plug	Black	White		123-6309
'J'	1/0.2mm	10 metre	Mini plug	Black	White		123-6310
'T'	1/0.2mm	1 metre	Mini plug	Brown	White	70643601	363-0266
'T'	1/0.2mm	2 metre	Mini plug	Brown	White		123-6311
'T'	1/0.2mm	5 metre	Mini plug	Brown	White		123-6312
'T'	1/0.2mm	10 metre	Mini plug	Brown	White		123-6313

T/C Type	Conductors	Cores	Reel Length	Allied code	RS order code
J	1/0.2mm	+Black/-White	25 metres	70657194	827-5980
J	1/0.2mm	+Black/-White	50 metres	70657195	827-5984
J	1/0.315mm	+Black/-White	25 metres	70657198	827-5993
J	1/0.315mm	+Black/-White	50 metres	70657199	827-5996
K	1/0.315mm	+Green/-White	25 metres	70657200	827-6000
K	1/0.315mm	+Green/-White	50 metres	70657205	827-6019
T	1/0.315mm	+Brown/-White	25 metres	70657208	827-6028
T	1/0.315mm	+Brown/-White	50 metres	70657206	827-6022
J	1/0.508mm	+Black/-White	25 metres	70657197	827-5990
J	1/0.508mm	+Black/-White	50 metres	70657201	827-6003
K	1/0.508mm	+Green/-White	25 metres	70657203	827-6012
K	1/0.508mm	+Green/-White	50 metres	70657204	827-6016
J	7/0.2mm	+Black/-White	25 metres	70657202	827-6006
K	7/0.2mm	+Green/-White	25 metres	70657207	827-6025
T	7/0.2mm	+Brown/-White	25 metres	70657209	827-6031
N	7/0.2mm	+Pink/-White	25 metres	70657210	827-6034

	Conductors	Cores	Jacket	Reel Length	Allied Code	RS order code
Extension:						
KX	7/0.2mm	+Green/-White	Green	10 metres	70657084	827-5615
KX	7/0.2mm	+Green/-White	Green	25 metres	70641729	236-3820
KX	7/0.2mm	+Green/-White	Green	50 metres	70657085	827-5619
KX	7/0.2mm	+Green/-White	Green	100 metres	70646156	611-7889
KX	7/0.2mm	+Green/-White	Green	200 metres	70657088	827-5628
JX	7/0.2mm	+Black/-White	Black	10 metres	70641640	219-4753
JX	7/0.2mm	+Black/-White	Black	25 metres	70657078	827-5592
JX	7/0.2mm	+Black/-White	Black	50 metres	70657079	827-5596
JX	7/0.2mm	+Black/-White	Black	100 metres	70641737	236-3915
JX	7/0.2mm	+Black/-White	Black	200 metres	70657081	827-5606
TX	7/0.2mm	+Brown/-White	Brown	10 metres	70641637	219-4703
TX	7/0.2mm	+Brown/-White	Brown	25 metres	70641734	236-3870
TX	7/0.2mm	+Brown/-White	Brown	50 metres	70657095	827-5653
TX	7/0.2mm	+Brown/-White	Brown	100 metres	70651749	762-1146
TX	7/0.2mm	+Brown/-White	Brown	200 metres	70657098	827-5662
NX	7/0.2mm	+Pink/-White	Pink	10 metres	70641635	219-4668
NX	7/0.2mm	+Pink/-White	Pink	25 metres	70657091	827-5637
NX	7/0.2mm	+Pink/-White	Pink	50 metres	70657089	827-5631
NX	7/0.2mm	+Pink/-White	Pink	100 metres	70657092	827-5640

	Conductors	Cores	Jacket	Reel Length	Allied Code	RS order code
Compensating:						
VX (KCB)	7/0.2mm	+Green/-White	Green	10 metres	70657082	827-5609
VX (KCB)	7/0.2mm	+Green/-White	Green	25 metres	70641629	219-4551
VX (KCB)	7/0.2mm	+Green/-White	Green	50 metres	70657080	827-5603
VX (KCB)	7/0.2mm	+Green/-White	Green	100 metres	70641630	219-4573
VX (KCB)	7/0.2mm	+Green/-White	Green	200 metres	70657083	827-5612
VX (KCB)	13/0.2mm	+Green/-White	Green	10 metres	70657086	827-5621
VX (KCB)	13/0.2mm	+Green/-White	Green	25 metres	70657087	827-5625
VX (KCB)	13/0.2mm	+Green/-White	Green	50 metres	70657090	827-5634
VX (KCB)	13/0.2mm	+Green/-White	Green	100 metres	70651750	762-1152
U (RCA)	7/0.2mm	+Orange/-White	Orange	10 metres	70657096	827-5656
U (RCA)	7/0.2mm	+Orange/-White	Orange	25 metres	70646158	611-7902
U (RCA)	7/0.2mm	+Orange/-White	Orange	50 metres	70657097	827-5659
U (RCA)	13/0.2mm	+Orange/-White	Orange	10 metres	70641641	219-4769
U (RCA)	13/0.2mm	+Orange/-White	Orange	25 metres	70657093	827-5643
U (RCA)	13/0.2mm	+Orange/-White	Orange	50 metres	70657094	827-5647

T/C Type	Conductors	Cores	Reel Length	Allied code	RS order code
KX	1/0.2mm	+Yellow/-Red	25 metres	70656106	**814-0030**
KX	1/0.2mm	+Yellow/-Red	50 metres	70656111	**814-0049**
KX	1/0.2mm	+Yellow/-Red	100 metres	70656109	**814-0042**
KX	7/0.2mm	+Yellow/-Red	25 metres	70656110	**814-0046**
KX	7/0.2mm	+Yellow/-Red	50 metres	70656113	**814-0055**
KX	7/0.2mm	+Yellow/-Red	100 metres	70656114	**814-0058**
KX	1/0.3mm	+Yellow/-Red	25 metres	70656104	**814-0024**
KX	1/0.3mm	+Yellow/-Red	50 metres	70656107	**814-0033**
KX	1/0.3mm	+Yellow/-Red	100 metres	70656108	**814-0036**
TX	1/0.3mm	+Blue/-Red	25 metres	70656121	**814-0080**
TX	1/0.3mm	+Blue/-Red	50 metres	70656126	**814-0099**
TX	1/0.3mm	+Blue/-Red	100 metres	70656124	**814-0092**
TX	1/0.2mm	+Blue/-Red	25 metres	70656125	**814-0096**
TX	1/0.2mm	+Blue/-Red	50 metres	70656128	**814-0106**
TX	1/0.2mm	+Blue/-Red	100 metres	70656129	**814-0109**

T/C Type	Conductors	Cores	Jacket	Reel Length	Allied code	RS order code
Extension:						
KX	7/0.2mm	+Yellow/-Red	Yellow	25 m	70656102	**814-0018**
KX	7/0.2mm	+Yellow/-Red	Yellow	100 m	70656105	**814-0027**
KX	7/0.2mm	+Yellow/-Red	Yellow	200 m	70656103	**814-0020**
JX	7/0.2mm	+ White/-Red	Black	25 m	70656096	**813-9995**
JX	7/0.2mm	+ White/-Red	Black	100 m	70656098	**814-0005**
JX	7/0.2mm	+ White/-Red	Black	200 m	70656099	**814-0008**
TX	7/0.2mm	+Blue/-Red	Blue	25 m	70656119	**814-0074**
TX	7/0.2mm	+Blue/-Red	Blue	100 m	70656122	**814-0083**
TX	7/0.2mm	+Blue/-Red	Blue	200 m	70656123	**814-0086**
Compensating:						
VX (KCB)	7/0.2mm	+Yellow/-Red	Yellow	25 m	70656127	**814-0103**
VX (KCB)	7/0.2mm	+Yellow/-Red	Yellow	100 m	70656130	**814-0112**
VX (KCB)	7/0.2mm	+Yellow/-Red	Yellow	200 m	70656131	**814-0115**