FEATURES

- **Welded, exposed junction with fast response**

- **Tolerance to IEC 584-3 class 1 for optimum performance**

- **Miniature plug termination for quick and easy assembly**

RS PRO Type T Thermocouple 5m Length, 1/0.315mm Diameter → +250°C

RS Stock No.:762-1121

RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

These thermocouples have a fast response welded exposed junction and are terminated with a miniature flat pin plug colour for a quick and easy connection. The twin twisted leads of these thermocouple sensors are insulated with durable Teflon PFA.

General Specifications

Thermocouple Type	Type T
Temperature Measurement Range	−75°C to +250°C
Construction	The twin twisted leads of these thermocouple sensors are insulated with durable Teflon PFA.
Measuring Junction	Exposed
Application	ideal for test and development applications including test and measurement, temperature mapping and OEM applications

Mechanical Specifications

Probe Diameter	1/0.315mm
Probe Length	5m
Insulation / Sheath Material	Teflon PFA
Termination Type	Miniature Plug

Approvals

Standards Met	IEC

	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**

	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**

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
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

	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

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