

## CARACTERÍSTICAS

- Contactos fabricados de aleaciones de termopar reales
- Código de colores para una identificación rápida y sencilla
- Placa protectora moldeada para montaje enrasado en la parte frontal del panel
- Acepta contactos macho redondos polarizados para una conexión precisa
- Fabricada en termoplástico reforzado con fibra de vidrio
- Capaz de resistir temperaturas de hasta 120 °C.
- Conexión sencilla con abrazadera roscada cautiva para un montaje rápido

## Conector de termopar IEC RS Pro para usar con termopar tipo K, estándar

RS Código RS: 455-9691



Los productos con aprobación profesional RS le proporcionan piezas de calidad profesional en todas las categorías de productos. Nuestra gama de productos ha sido probada por ingenieros y proporciona una calidad comparable a las marcas líderes sin pagar un precio superior.

## Descripción del

RS Pro presenta un conector hembra de termopar de montaje en panel de tamaño estándar con código de colores conforme a la especificación IEC. La carcasa del conector dispone de un panel moldeado para un ajuste enrasado al montarlo a través del panel. El conector está fabricado de termoplástico resistente y tiene códigos de colores para facilitar la identificación del termopar. Los contactos están diseñados para aceptar contactos redondos polarizados para garantizar una conexión precisa. Se suministra una pinza con este conector hembra que lo permite para fijarse rápida y fácilmente a la parte trasera de el panel

### Accesorios

Las rosetas de pared de aluminio están disponibles para su uso con este montaje en panel conectores de termopar

Código RS 236-4148 (1 vía)

Código RS 397-1731 (2 vías)

Código RS 397-1753 (3 vías)

Código RS 397-1769 (4 vías)

Código RS 236-4154 (6 vías)

## Especificaciones generales

|  |   |
|--|---|
| <b>Tipo de accesorio</b>                 | Conector de termopar                      |
| <b>Para usar con</b>                     | Termopar tipo K                           |
| <b>Tipo de termopar</b>                  | J   |
| <b>Temperatura máxima</b>                | 120°C                                     |
| <b>Contacto positivo (tipo aleación)</b> | Hierro fundido                            |
| <b>Contacto negativo (tipo aleación)</b> | Níquel de cobre                           |
| <b>Tipo de abrazadera</b>                | Abrazadera roscada cautiva sencilla       |
| <b>Color</b>                             | Negro                                     |
| <b>Aplicaciones</b>                      | Conector de montaje en panel en miniatura |

## Especificaciones mecánicas

|                              |                         |
|------------------------------|-------------------------|
| <b>Tipo de conector</b>      | Conector de termopar    |
| <b>Conector macho/hembra</b> | Conector hembra         |
| <b>Tipo de montaje</b>       | SMA de montaje en panel |

## Especificaciones del entorno de funcionamiento

|   |       |
|---|-------|
| Temperatura máxima de funcionamiento continuo | 120°C |
|---|-------|

## Aprobaciones

|                              |      |
|------------------------------|------|
| Cumplimiento/Certificaciones | RoHS |
|------------------------------|------|



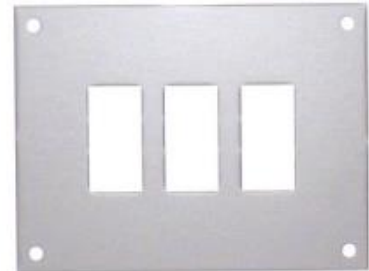
Types K, J, T, E, N, R/S, B & Copper  
(IEC Colour Code)



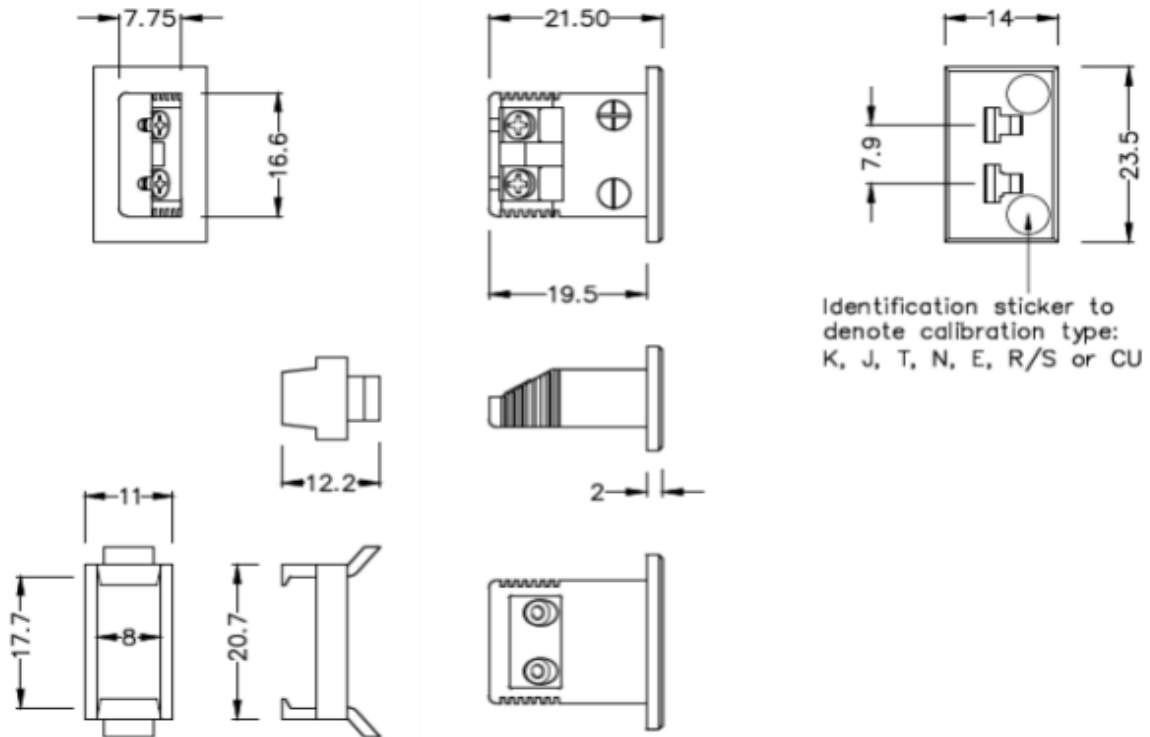
| T/C Type | Colour Code (IEC) | +Positive Contact (alloy type) | -Negative Contact (alloy type) | Allied Code | RS order Code |
|----------|-------------------|--------------------------------|--------------------------------|-------------|---------------|
| K        | Green             | +Nickel Chromium               | -Nickel Alloy                  | 70644389    | 455-9742      |
| J        | Black             | +Iron                          | -Copper Nickel                 | 70644385    | 455-9691      |
| T        | Brown             | +Copper                        | -Copper Nickel                 | 70644400    | 455-9900      |
| E        | Violet            | +Nickel Chromium               | -Copper Nickel                 | 70652495    | 774-7210      |
| N        | Pink              | +Nickel/Chro/Silicon           | -Nickel Silicon                | 70644394    | 455-9815      |
| R/S      | Orange            | +Copper                        | -Copper Alloy                  | 70644398    | 455-9871      |
| B        | Grey              | +Copper                        | -Copper                        | 70652497    | 774-7217      |
| Copper   | White             | +Copper                        | -Copper                        | 70644382    | 455-9657      |

**Accessories**

- 1 Way Fascia Panel Allied: 70641749 RS: 236-4148
- 2 Way Fascia Panel Allied: 70643877 RS: 397-1731
- 3 Way Fascia Panel Allied: 70643878 RS: 397-1753 (shown opposite)
- 4 Way Fascia Panel Allied: 70643879 RS: 397-1769
- 6 Way Fascia Panel Allied: 70641750 RS: 236-4154



## Schematic Drawing



**Standard Fascia Socket (with nylon mounting clip)**

**ORDERING INFORMATION**

**MODEL**

FINE WIRE WELDER  
Spare Carbon Electrodes (x5) for 1.1mm 250V Fine Wire Welder  
RS143/0816

**Allied Code**

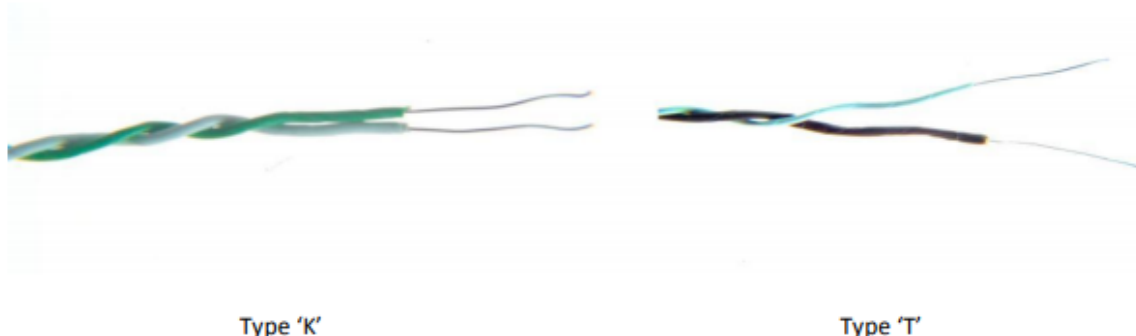
70825788  
70656473

**RS ORDER NUMBER**

363-0351  
814-0184

**IEC PTFE Insulated Twin Twisted Pair Thermocouple Cable**

Available in Thermocouple Types K, J T & N



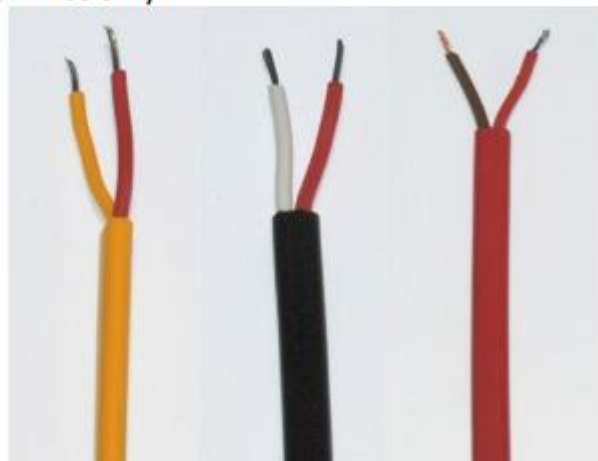
| T/C Type | Conductors | Cores         | Reel Length | Allied code | RS order code   |
|----------|------------|---------------|-------------|-------------|-----------------|
| J        | 1/0.2mm    | +Black/-White | 25 metres   | 70657194    | <b>827-5980</b> |
| J        | 1/0.2mm    | +Black/-White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

|                      | Conductors | Cores          | Jacket | Reel Length | Allied Code | RS order code   |
|----------------------|------------|----------------|--------|-------------|-------------|-----------------|
| <b>Extension:</b>    |            |                |        |             |             |                 |
| KX                   | 7/0.2mm    | +Green/-White  | Green  | 10 metres   | 70657084    | <b>827-5615</b> |
| KX                   | 7/0.2mm    | +Green/-White  | Green  | 25 metres   | 70641729    | <b>236-3820</b> |
| KX                   | 7/0.2mm    | +Green/-White  | Green  | 50 metres   | 70657085    | <b>827-5619</b> |
| KX                   | 7/0.2mm    | +Green/-White  | Green  | 100 metres  | 70646156    | <b>611-7889</b> |
| KX                   | 7/0.2mm    | +Green/-White  | Green  | 200 metres  | 70657088    | <b>827-5628</b> |
|                      |            |                |        |             |             |                 |
| JX                   | 7/0.2mm    | +Black/-White  | Black  | 10 metres   | 70641640    | <b>219-4753</b> |
| JX                   | 7/0.2mm    | +Black/-White  | Black  | 25 metres   | 70657078    | <b>827-5592</b> |
| JX                   | 7/0.2mm    | +Black/-White  | Black  | 50 metres   | 70657079    | <b>827-5596</b> |
| JX                   | 7/0.2mm    | +Black/-White  | Black  | 100 metres  | 70641737    | <b>236-3915</b> |
| JX                   | 7/0.2mm    | +Black/-White  | Black  | 200 metres  | 70657081    | <b>827-5606</b> |
|                      |            |                |        |             |             |                 |
| TX                   | 7/0.2mm    | +Brown/-White  | Brown  | 10 metres   | 70641637    | <b>219-4703</b> |
| TX                   | 7/0.2mm    | +Brown/-White  | Brown  | 25 metres   | 70641734    | <b>236-3870</b> |
| TX                   | 7/0.2mm    | +Brown/-White  | Brown  | 50 metres   | 70657095    | <b>827-5653</b> |
| TX                   | 7/0.2mm    | +Brown/-White  | Brown  | 100 metres  | 70651749    | <b>762-1146</b> |
| TX                   | 7/0.2mm    | +Brown/-White  | Brown  | 200 metres  | 70657098    | <b>827-5662</b> |
|                      |            |                |        |             |             |                 |
| NX                   | 7/0.2mm    | +Pink/-White   | Pink   | 10 metres   | 70641635    | <b>219-4668</b> |
| NX                   | 7/0.2mm    | +Pink/-White   | Pink   | 25 metres   | 70657091    | <b>827-5637</b> |
| NX                   | 7/0.2mm    | +Pink/-White   | Pink   | 50 metres   | 70657089    | <b>827-5631</b> |
| NX                   | 7/0.2mm    | +Pink/-White   | Pink   | 100 metres  | 70657092    | <b>827-5640</b> |
|                      |            |                |        |             |             |                 |
|                      | Conductors | Cores          | Jacket | Reel Length | Allied Code | RS order code   |
| <b>Compensating:</b> |            |                |        |             |             |                 |
| VX (KCB)             | 7/0.2mm    | +Green/-White  | Green  | 10 metres   | 70657082    | <b>827-5609</b> |
| VX (KCB)             | 7/0.2mm    | +Green/-White  | Green  | 25 metres   | 70641629    | <b>219-4551</b> |
| VX (KCB)             | 7/0.2mm    | +Green/-White  | Green  | 50 metres   | 70657080    | <b>827-5603</b> |
| VX (KCB)             | 7/0.2mm    | +Green/-White  | Green  | 100 metres  | 70641630    | <b>219-4573</b> |
| VX (KCB)             | 7/0.2mm    | +Green/-White  | Green  | 200 metres  | 70657083    | <b>827-5612</b> |
|                      |            |                |        |             |             |                 |
| VX (KCB)             | 13/0.2mm   | +Green/-White  | Green  | 10 metres   | 70657086    | <b>827-5621</b> |
| VX (KCB)             | 13/0.2mm   | +Green/-White  | Green  | 25 metres   | 70657087    | <b>827-5625</b> |
| VX (KCB)             | 13/0.2mm   | +Green/-White  | Green  | 50 metres   | 70657090    | <b>827-5634</b> |
| VX (KCB)             | 13/0.2mm   | +Green/-White  | Green  | 100 metres  | 70651750    | <b>762-1152</b> |
|                      |            |                |        |             |             |                 |
| U (RCA)              | 7/0.2mm    | +Orange/-White | Orange | 10 metres   | 70657096    | <b>827-5656</b> |
| U (RCA)              | 7/0.2mm    | +Orange/-White | Orange | 25 metres   | 70646158    | <b>611-7902</b> |
| U (RCA)              | 7/0.2mm    | +Orange/-White | Orange | 50 metres   | 70657097    | <b>827-5659</b> |
|                      |            |                |        |             |             |                 |
| U (RCA)              | 13/0.2mm   | +Orange/-White | Orange | 10 metres   | 70641641    | <b>219-4769</b> |
| U (RCA)              | 13/0.2mm   | +Orange/-White | Orange | 25 metres   | 70657093    | <b>827-5643</b> |
| U (RCA)              | 13/0.2mm   | +Orange/-White | Orange | 50 metres   | 70657094    | <b>827-5647</b> |
| RS143/0816           |            |                |        |             |             |                 |

| 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      |

## ANSI PVC Thermocouple Extension & Compensating Cable

PVC Insulated Flat Pair (ANSI MC96.1)



Type KX

Type JX

Type TX

| T/C Type             | Conductors | Cores        | Jacket | Reel Length | Allied code | RS order code |
|----------------------|------------|--------------|--------|-------------|-------------|---------------|
| <b>Extension:</b>    |            |              |        |             |             |               |
| 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      |
| <b>Compensating:</b> |            |              |        |             |             |               |
| 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      |