

## 特点

- 绝缘热接点
- 矿物绝缘
- 符合 iec 标准
- 310 不锈钢探头护套
- 微型插头端接

# RS Pro 型热电偶 150mm 长、3mm 直径 → +1100°C

RS 号: 397-1488



RS 认证产品为您提供所有产品类别的专业品质部件。我们的产品系列经过工程师测试、提供与领先品牌相当的质量、而无需支付高昂的价格。

商品描述属性

RS PRO 提供的一系列 K 型热电偶温度传感器或探头符合 IEC 标准。这些热电偶温度探头结构耐用，并且拥有 310 不锈钢矿物绝缘柔性护套，可弯曲和成形，以适合多种应用。热电偶具有单一元件绝缘接点，可减少电气干扰。热电偶的一端与微型扁平引脚插头端接，以实现快速、便捷的连接

一般规格

|        |   |
|--------|---|
| 热电偶类型  | k 型   |
| 温度测量范围 | -40°C 至 1100°C                                |
| 建筑     | 矿物绝缘  |
| 测量接点   | 绝缘热接点   |
| 精确度    | ±1.5°C  |
| 输出     | 100°C = 4.096 mv                              |
| 塞贝克系数  | 41µV / °c                                     |
| 发射器    | 无   |
| 校准可用性  | 是的  |
| 应用     | 热交换器、发电站、砖块和水泥窑、热处理和退火熔炉、恒温器、食品温度计、车辆诊断和实验室使用 |

机械规格

|           |            |
|-----------|------------|
| 探头直径      | 3mm        |
| 探头长度      | 150mm      |
| 探头主体材料    | 不锈钢        |
| 进程连接      | 模制 2pin 插头 |
| 绝缘 / 护套材料 | 310 不锈钢    |
| 端接类型      | 微型插头       |
| 电缆绝缘      | 玻璃纤维       |

认证

|          |                   |
|----------|-------------------|
| 合规性 / 认证 | EN61340, IEC60584 |
| 符合标准     | 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   |
|-------------------|------------|---------------|--------|-------------|-------------|-----------------|
| <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> |

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

| 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    | <b>814-0018</b> |
| KX                   | 7/0.2mm    | +Yellow/-Red | Yellow | 100 m       | 70656105    | <b>814-0027</b> |
| KX                   | 7/0.2mm    | +Yellow/-Red | Yellow | 200 m       | 70656103    | <b>814-0020</b> |
| JX                   | 7/0.2mm    | + White/-Red | Black  | 25 m        | 70656096    | <b>813-9995</b> |
| JX                   | 7/0.2mm    | + White/-Red | Black  | 100 m       | 70656098    | <b>814-0005</b> |
| JX                   | 7/0.2mm    | + White/-Red | Black  | 200 m       | 70656099    | <b>814-0008</b> |
| TX                   | 7/0.2mm    | +Blue/-Red   | Blue   | 25 m        | 70656119    | <b>814-0074</b> |
| TX                   | 7/0.2mm    | +Blue/-Red   | Blue   | 100 m       | 70656122    | <b>814-0083</b> |
| TX                   | 7/0.2mm    | +Blue/-Red   | Blue   | 200 m       | 70656123    | <b>814-0086</b> |
| <b>Compensating:</b> |            |              |        |             |             |                 |
| VX (KCB)             | 7/0.2mm    | +Yellow/-Red | Yellow | 25 m        | 70656127    | <b>814-0103</b> |
| VX (KCB)             | 7/0.2mm    | +Yellow/-Red | Yellow | 100 m       | 70656130    | <b>814-0112</b> |
| VX (KCB)             | 7/0.2mm    | +Yellow/-Red | Yellow | 200 m       | 70656131    | <b>814-0115</b> |