

General Purpose Thermocouple

DS3011



Features:

- Wide range of general purpose thermocouples
- Low cost
- Variety of configurations

Description:

TT Electronics manufactures and supplies a range of General Purpose Thermocouples. These thermocouples are low cost, but are available in a variety of configurations.

Please have a look at some of the options we offer below, if you require something with a higher temperature range, please have a look at our range of Mineral Insulated thermocouples here.

PTFE Insulated General Purpose Thermocouples

Covers temperatures ranging from -50 to 250°C

General purpose exposed junction thermocouple consisting of a PTFE insulated twisted pair of wires terminating in a welded hot junction bead.

Fibre Glass Insulated General Purpose Thermocouples

Covers temperatures ranging from -50 to 400°C

A general purpose exposed junction thermocouple with a wider temperature range than the PTFE insulated sensor. Consisting of a glass fibre insulated pair of wires which terminate in a welded hot junction bead.

Washer Thermocouple

Covers temperature ranging from 0 to 350°C

Washer thermocouples offer a convenient and easy method of measuring surface temperatures. With a grounded junction located on a washer for bolting to the surface to be measured.



General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

TT Electronics | Roxspur Measurement & Control
2 Downgate Drive, Sheffield, South Yorkshire, S4 8BT, UK | Ph: +44 (0) 114-244-2521
www.ttelectronics.com | RoxspurSales@ttelectronics.com

General Purpose Thermocouple



PTFE INSULATED

| | |
|--------------------|---------------------------|
| Sensor | Type-K |
| Lead | PTFE insulated, 1/0.315mm |
| Lead Length | 2 meters |

GLASS FIBRE INSULATED

| | |
|--------------------|----------------------------------|
| Sensor | Type-K |
| Lead | Glass fibre insulated, 1/0.315mm |
| Lead Length | 2 meters |

WASHER THERMOCOUPLES

| | |
|-----------------------|-------------------------|
| Sensor | Type-K |
| Lead | Braided Stainless Steel |
| Lead Length | 2 meters |
| Clearance Hole | 6mm diameter |



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General Purpose Thermocouple



| SKU | Description |
|-----------|--|
| TJFEJ01MP | Type J Exposed Junction Glass Fibre T/C with 1 meter cable and Mini Plug |
| TJFEJ01MS | Type J Exposed Junction Glass Fibre T/C with 1 meter cable and Mini Socket |
| TJFEJ01SP | Type J Exposed Junction Glass Fibre T/C with 1 meter cable and Standard Plug |
| TJFEJ01SS | Type J Exposed Junction Glass Fibre T/C with 1 meter cable and Standard Socket |
| TJFEJ01XX | Type J Exposed Junction Glass Fibre T/C with 1 meter cable |
| TJFEJ02MP | Type J Exposed Junction Glass Fibre T/C with 2 meter cable and Mini Plug |
| TJFEJ02MS | Type J Exposed Junction Glass Fibre T/C with 2 meter cable and Mini Socket |
| TJFEJ02SP | Type J Exposed Junction Glass Fibre T/C with 2 meter cable and Standard Plug |
| TJFEJ02SS | Type J Exposed Junction Glass Fibre T/C with 2 meter cable and Standard Socket |
| TJFEJ02XX | Type J Exposed Junction Glass Fibre T/C with 2 meter cable |
| TJFEJ03MP | Type J Exposed Junction Glass Fibre T/C with 3 meter cable and Mini Plug |
| TJFEJ03MS | Type J Exposed Junction Glass Fibre T/C with 3 meter cable and Mini Socket |
| TJFEJ03SP | Type J Exposed Junction Glass Fibre T/C with 3 meter cable and Standard Plug |
| TJFEJ03SS | Type J Exposed Junction Glass Fibre T/C with 3 meter cable and Standard Socket |
| TJFEJ03XX | Type J Exposed Junction Glass Fibre T/C with 3 meter cable |
| TJFEJ04MP | Type J Exposed Junction Glass Fibre T/C with 4 meter cable and Mini Plug |
| TJFEJ04MS | Type J Exposed Junction Glass Fibre T/C with 4 meter cable and Mini Socket |
| TJFEJ04SP | Type J Exposed Junction Glass Fibre T/C with 4 meter cable and Standard Plug |
| TJFEJ04SS | Type J Exposed Junction Glass Fibre T/C with 4 meter cable and Standard Socket |
| TJFEJ04XX | Type J Exposed Junction Glass Fibre T/C with 4 meter cable |
| TJFEJ05MP | Type J Exposed Junction Glass Fibre T/C with 5 meter cable and Mini Plug |
| TJFEJ05MS | Type J Exposed Junction Glass Fibre T/C with 5 meter cable and Mini Socket |
| TJFEJ05SP | Type J Exposed Junction Glass Fibre T/C with 5 meter cable and Standard Plug |
| TJFEJ05SS | Type J Exposed Junction Glass Fibre T/C with 5 meter cable and Standard Socket |
| TJFEJ05XX | Type J Exposed Junction Glass Fibre T/C with 5 meter cable |
| TJSEJ01MP | Type J Eyelet T/C with 1 meter cable and Mini Plug |
| TJSEJ01MS | Type J Eyelet T/C with 1 meter cable and Mini Socket |
| TJSEJ01SP | Type J Eyelet T/C with 1 meter cable and Standard Plug |
| TJSEJ01SS | Type J Eyelet T/C with 1 meter cable and Standard Socket |
| TJSEJ01XX | Type J Eyelet T/C with 1 meter cable |

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| SKU | Description |
|-----------|--|
| TJSEJ02MP | Type J Eyelet T/C with 2 meter cable and Mini Plug |
| TJSEJ02MS | Type J Eyelet T/C with 2 meter cable and Mini Socket |
| TJSEJ02SP | Type J Eyelet T/C with 2 meter cable and Standard Plug |
| TJSEJ02SS | Type J Eyelet T/C with 2 meter cable and Standard Socket |
| TJSEJ02XX | Type J Eyelet T/C with 2 meter cable |
| TKFEJ01MP | Type K Exposed Junction Glass Fibre T/C with 1 meter cable and Mini Plug |
| TKFEJ01MS | Type K Exposed Junction Glass Fibre T/C with 1 meter cable and Mini Socket |
| TKFEJ01SP | Type K Exposed Junction Glass Fibre T/C with 1 meter cable and Standard Plug |
| TKFEJ01SS | Type K Exposed Junction Glass Fibre T/C with 1 meter cable and Standard Socket |
| TKFEJ01XX | Type K Exposed Junction Glass Fibre T/C with 1 meter cable |
| TKFEJ02MP | Type K Exposed Junction Glass Fibre T/C with 2 meter cable and Mini Plug |
| TKFEJ02MS | Type K Exposed Junction Glass Fibre T/C with 2 meter cable and Mini Socket |
| TKFEJ02SP | Type K Exposed Junction Glass Fibre T/C with 2 meter cable and Standard Plug |
| TKFEJ02SS | Type K Exposed Junction Glass Fibre T/C with 2 meter cable and Standard Socket |
| TKFEJ02XX | Type K Exposed Junction Glass Fibre T/C with 2 meter cable |
| TKFEJ03MP | Type K Exposed Junction Glass Fibre T/C with 3 meter cable and Mini Plug |
| TKFEJ03MS | Type K Exposed Junction Glass Fibre T/C with 3 meter cable and Mini Socket |
| TKFEJ03SP | Type K Exposed Junction Glass Fibre T/C with 3 meter cable and Standard Plug |
| TKFEJ03XX | Type K Exposed Junction Glass Fibre T/C with 3 meter cable |
| TKFEJ04MP | Type K Exposed Junction Glass Fibre T/C with 4 meter cable and Mini Plug |
| TKFEJ04MS | Type K Exposed Junction Glass Fibre T/C with 4 meter cable and Mini Socket |
| TKFEJ04SP | Type K Exposed Junction Glass Fibre T/C with 4 meter cable and Standard Plug |
| TKFEJ04SS | Type K Exposed Junction Glass Fibre T/C with 4 meter cable and Standard Socket |
| TKFEJ04XX | Type K Exposed Junction Glass Fibre T/C with 4 meter cable |
| TKFEJ05MP | Type K Exposed Junction Glass Fibre T/C with 5 meter cable and Mini Plug |
| TKFEJ05MS | Type K Exposed Junction Glass Fibre T/C with 5 meter cable and Mini Socket |
| TKFEJ05SP | Type K Exposed Junction Glass Fibre T/C with 5 meter cable and Standard Plug |
| TKFEJ05SS | Type K Exposed Junction Glass Fibre T/C with 5 meter cable and Standard Socket |
| TKFEJ05XX | Type K Exposed Junction Glass Fibre T/C with 5 meter cable |
| TKSEJ01MP | Type K Eyelet T/C with 1 meter cable and Mini Plug |

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| SKU | Description |
|-----------|--|
| TKSEJ01MS | Type K Eyelet T/C with 1 meter cable and Mini Socket |
| TKSEJ01SP | Type K Eyelet T/C with 1 meter cable and Standard Plug |
| TKSEJ01SS | Type K Eyelet T/C with 1 meter cable and Standard Socket |
| TKSEJ01XX | Type K Eyelet T/C with 1 meter cable |
| TKSEJ02MP | Type K Eyelet T/C with 2 meter cable and Mini Plug |
| TKSEJ02MS | Type K Eyelet T/C with 2 meter cable and Mini Socket |
| TKSEJ02SP | Type K Eyelet T/C with 2 meter cable and Standard Plug |
| TKSEJ02SS | Type K Eyelet T/C with 2 meter cable and Standard Socket |
| TKSEJ02XX | Type K Eyelet T/C with 2 meter cable |
| TTFEJ01MP | Type T Exposed Junction Glass Fibre T/C with 1 meter cable and Mini Plug |
| TTFEJ01MS | Type T Exposed Junction Glass Fibre T/C with 1 meter cable and Mini Socket |
| TTFEJ01SP | Type T Exposed Junction Glass Fibre T/C with 1 meter cable and Standard Plug |
| TTFEJ01SS | Type T Exposed Junction Glass Fibre T/C with 1 meter cable and Standard Socket |
| TTFEJ01XX | Type T Exposed Junction Glass Fibre T/C with 1 meter cable |
| TTFEJ02MP | Type T Exposed Junction Glass Fibre T/C with 2 meter cable and Mini Plug |
| TTFEJ02MS | Type T Exposed Junction Glass Fibre T/C with 2 meter cable and Mini Socket |
| TTFEJ02SP | Type T Exposed Junction Glass Fibre T/C with 2 meter cable and Standard Plug |
| TTFEJ02SS | Type T Exposed Junction Glass Fibre T/C with 2 meter cable and Standard Socket |
| TTFEJ02XX | Type T Exposed Junction Glass Fibre T/C with 2 meter cable |
| TTFEJ03MP | Type T Exposed Junction Glass Fibre T/C with 3 meter cable and Mini Plug |
| TTFEJ03MS | Type T Exposed Junction Glass Fibre T/C with 3 meter cable and Mini Socket |
| TTFEJ03SP | Type T Exposed Junction Glass Fibre T/C with 3 meter cable and Standard Plug |
| TTFEJ03SS | Type T Exposed Junction Glass Fibre T/C with 3 meter cable and Standard Socket |
| TTFEJ04MP | Type T Exposed Junction Glass Fibre T/C with 4 meter cable and Mini Plug |
| TTFEJ04MS | Type T Exposed Junction Glass Fibre T/C with 4 meter cable and Mini Socket |
| TTFEJ04SP | Type T Exposed Junction Glass Fibre T/C with 4 meter cable and Standard Plug |
| TTFEJ04SS | Type T Exposed Junction Glass Fibre T/C with 4 meter cable and Standard Socket |
| TTFEJ04XX | Type T Exposed Junction Glass Fibre T/C with 4 meter cable |
| TTFEJ05MP | Type T Exposed Junction Glass Fibre T/C with 5 meter cable and Mini Plug |
| TTFEJ05MS | Type T Exposed Junction Glass Fibre T/C with 5 meter cable and Mini Socket |

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| SKU | Description |
|-----------|--|
| TTFEJ05SP | Type T Exposed Junction Glass Fibre T/C with 5 meter cable and Standard Plug |
| TTFEJ05SS | Type T Exposed Junction Glass Fibre T/C with 5 meter cable and Standard Socket |
| TTFEJ05XX | Type T Exposed Junction Glass Fibre T/C with 5 meter cable |

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