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 250ºC

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 400ºC

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 350ºC

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.

UKAS CALIBRATION 0043

BSI UKAS QUALITY MANAGEMENT CERTIFICATE NO. FM22358

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.

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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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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
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TTFEJ03MS	Type T Exposed Junction Glass Fibre T/C with 3 meter cable and Mini Socket
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TTFEJ03SS	Type T Exposed Junction Glass Fibre T/C with 3 meter cable and Standard Socket
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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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