

FMP/FMJ Miniature Thermocouple & RTD Connectors

Miniature connectors for Thermocouple and RTD circuits.
Suitable for small wires and mineral insulated cables.

- **FMP/FMJ (Standard Temp. +200°C):** Glass filled high quality thermoplastic body
- **FMLP/FMLJ (Locking +200°C):** Glass filled high quality thermoplastic body with stainless steel locking clip preventing unwanted disconnections due to vibration etc.
- **FMPH/FMJH (High Temp. +350°C):** Thermoset body material
- **FMPU/FMJU (Ultra High Temp. +425°C):** Thermoset body compound designed for use at elevated temperatures. Includes stainless steel bracket and screws to increase strength. +425°C continuous rating, +540°C intermittent rating
- **FMPC/FMJC (High Temp. Ceramic +650°C):** High purity alumina body material
- **FMPD/FMJD (Duplex +200°C):** Glass filled high quality thermoplastic body. Ideally suited for 4-wire RTD's or Duplex thermocouples
- **FMPT/FMJT (3-Pin +200°C):** Glass filled high quality thermoplastic body. Third connection for ground, or continuous shield protection, or for 3-wire RTD's
- Original thermocouple material pins and spring loaded inserts
- Polarized pins ensure proper connection
- Easy wire connection through sandwich construction
- Moulded barriers prevent short circuit
- Stainless Steel screws with combination head (slotted and Phillips)
- Rugged one body design

Wire Size

- Accepts wires up to 0.6mm (4.5mm cable Ø max)

Plug Dimensions (mm)

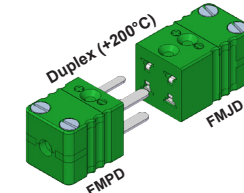
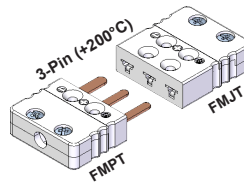
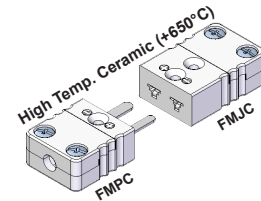
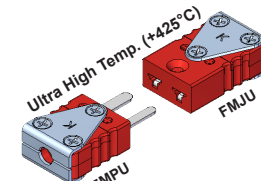
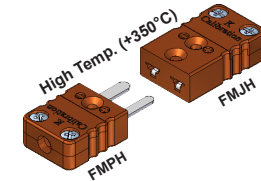
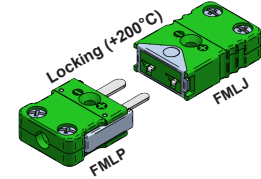
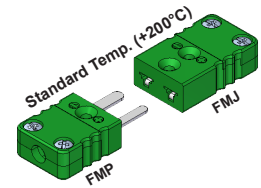
All plugs have 12mm length pins

- **FMP:** (W) 16 x (L) 19 x (D) 8
- **FMLP:** (W) 18 x (L) 19.2 X (D) 8
- **FMPH:** (W) 16 x (L) 19 x (D) 8
- **FMPU:** (W) 16 x (L) 20 x (D) 9.6
- **FMPC:** (W) 18.5 x (L) 20.5 x (D) 9.6
- **FMPD:** (W) 16 x (L) 19 x (D) 16
- **FMPT:** (W) 23.9 x (L) 19 x (D) 8

Socket Dimensions (mm)

- **FMJ:** (W) 16 x (L) 25.4 x (D) 8
- **FMLJ:** (W) 18 x (L) 25.4 X (D) 8
- **FMJH:** (W) 16 x (L) 25.4 x (D) 8
- **FMJU:** (W) 16 x (L) 26 x (D) 9.6
- **FMJC:** (W) 18.5 x (L) 27 x (D) 9.6
- **FMJD:** (W) 16 x (L) 25 x (D) 16
- **FMJT:** (W) 23.9 x (L) 25.4 x (D) 8

Working in partnership with



Calibration Code		K	J	T	N	E	R/S	B	C	RTD	
Positive Material		NiCr	Fe	Cu	NiCrSi	NiCr	Cu	Cu	CPX	Cu	
Negative Material		NiAl	CuNi	CuNi	NiSi	CuNi	Alloy#11	Cu	CNX	Cu	
IEC Colour		Green	Black	Brown	Pink	Violet	Orange	Grey	Red	White	
ANSI Colour *		Yellow	Black	Blue	Orange	Violet	Green	Grey	Red	White	
Order Code	Standard Temp. (+200°C) (best seller)	Plug	FMP-K	FMP-J	FMP-T	FMP-N	FMP-E	FMP-R	FMP-B	FMP-C	FMP-U
		Socket	FMJ-K	FMJ-J	FMJ-T	FMJ-N	FMJ-E	FMJ-R	FMJ-B	FMJ-C	FMJ-U
	Locking (+200°C)	Plug	FMLP-K	FMLP-J	FMLP-T	FMLP-N	FMLP-E	FMLP-R	FMLP-B	FMLP-C	FMLP-U
		Socket	FMLJ-K	FMLJ-J	FMLJ-T	FMLJ-N	FMLJ-E	FMLJ-R	FMLJ-B	FMLJ-C	FMLJ-U
	High Temp. (+350°C)	Plug	FMPH-K	FMPH-J	FMPH-T	FMPH-N	FMPH-E	FMPH-R	FMPH-B	FMPH-C	FMPH-U
		Socket	FMJH-K	FMJH-J	FMJH-T	FMJH-N	FMJH-E	FMJH-R	FMJH-B	FMJH-C	FMJH-U
	Ultra High Temp. (+425°C)	Plug	FMPU-K	FMPU-J	FMPU-T	FMPU-N	FMPU-E	FMPU-R	FMPU-B	FMPU-C	FMPU-U
		Socket	FMJU-K	FMJU-J	FMJU-T	FMJU-N	FMJU-E	FMJU-R	FMJU-B	FMJU-C	FMJU-U
	High Temp. Ceramic (+650°C)	Plug	FMPC-K	FMPC-J	FMPC-T	FMPC-N	FMPC-E	FMPC-R	FMPC-B	FMPC-C	FMPC-U
		Socket	FMJC-K	FMJC-J	FMJC-T	FMJC-N	FMJC-E	FMJC-R	FMJC-B	FMJC-C	FMJC-U
	Duplex (+200°C)	Plug	FMPD-K	FMPD-J	FMPD-T	FMPD-N	FMPD-E	FMPD-R	FMPD-B	FMPD-C	FMPD-U
		Socket	FMJD-K	FMJD-J	FMJD-T	FMJD-N	FMJD-E	FMJD-R	FMJD-B	FMJD-C	FMJD-U
3-Pin (+200°C)	Plug	FMPT-K	FMPT-J	FMPT-T	FMPT-N	FMPT-E	FMPT-R	FMPT-B	FMPT-C	FMPT-U	
	Socket	FMJT-K	FMJT-J	FMJT-T	FMJT-N	FMJT-E	FMJT-R	FMJT-B	FMJT-C	FMJT-U	

* Suffix order code with 'A' for ANSI colours (e.g. FMP-KA)

