

# TEMPERATURE CONTROLS PTY LTD

ACN: 650 190 183 ABN: 966 501 901 83

7 YAMMA STREET

SEFTON, NSW 2162 AUSTRALIA

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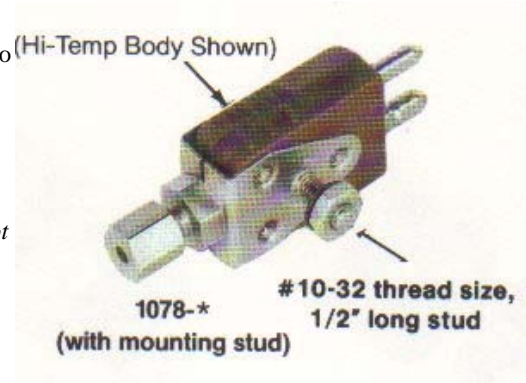
THEMOCOUPLES \* RTD SENSORS \* THERMOWELLS \* EXTENSION CABLES \* LEVEL SWITCHES

SD 1398

## THERMOCOUPLE CONNECTORS

Full Size, Standard, 2-Pole

- 2-Pole Connector plugs and jacks are made to exacting specifications to provide rapid, dependable connections between thermocouples and extension wires.
- Alloys of prongs and inserts match ANSI calibrations to maintain sensing accuracy. Alloy and polarity are identified by symbols molded into body.
- Connector bodies molded of glass filled thermoset compounds (*will not melt*) for high strength and dependability. The color coded Connectors will withstand ambient temperatures to 400°F (205°C) continuous and 500°F (260°C) intermittent. High-Temperature Connectors (all Hi-Temp connectors are colour coded red) will withstand ambient temperatures to 800°F (425°C) continuous and 1000°F (540°C) intermittent.
- Inserts are spring loaded collet type to assure positive full contact with the negative insert larger making it virtually impossible to mismatch.
- For corrosive applications, gold or nickel plated prongs and inserts are available. **Caution - system errors can result from use of plated contacts if significant thermal gradients exist at connector.**



FULL SIZE 2-POLE	
Marlin Code No.	Description
1060 - *	Plug
1050 - †	Solid Pin Plug
1010 - *	Jack
FULL SIZE HIGH-TEMPERATURE 2-POLE	
1160 - *	Plug
1150 - †	Solid Pin Plug
1110 - *	Jack

\* - Tubular Pin Availability: J,K,T,N,E,R,S,U, also "C"

† - Solid Pin Availability: J,K,T,E,R,S,U

For Gold Plating use suffix "G" (i.e. 1050-K-G)

For Nickel Plating use suffix "P" (i.e. 1060-K-P)

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## MOUNTING HARDWARE FOR 2-POLE CONNECTOR

### Nickel Plated Construction

All screws mount from top into threaded bottom plate (no loose nuts).

CABLE CLAMP	
Code No.	1080
Code No.	1088 w/mtg. stud
WIRE CLAMP	
Code No.	1084
Code No.	1085 w/mtg. stud
CRIMP ADAPTER	
Code No.	1074-125
Code No.	1074-187
Code No.	1074-250
COMPRESSION ADAPTER (metal sheathed T/C to connector)	
Code No.	1070-*
Code No.	1078- <sup>*</sup> w/mtg. stud
COMPRESSION ADAPTER-DUAL (metal sheathed T/C to connector)	
Code No.	1071-*

\* - Specify Size Code: 000(Blank - No nut or ferrule), 040 (0.040"), 062 (0.062"), 125 (0.125"), 187 (0.187"), 250 (0.250"), 312 (0.312"), 375 (0.375")