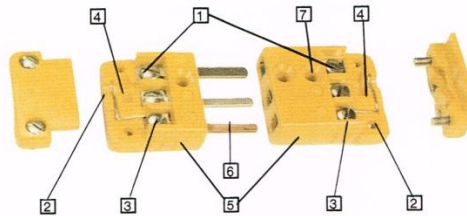


## Marlin – Thermocouple Connectors – Mini 3-Pole Plugs and Jacks

### THERMOCOUPLE CONNECTORS MINI 3-POLE PLUGS AND JACKS



Feature/Function	Benefit
1. Jab-in® terminals/ Wire is sandwiched between contacts of alloy material without damage.	Even the very fine wires (.003") of .020" diameter sheathed thermocouples can be installed quickly and reliably without special tools or set-ups. Jab-in® terminals require only ¼" of insulation to be removed. Looped wire ends are eliminated.
2. Built-in Shield wire connection/ Shield circuit is connected to 3rd-pole of connector via ground link.	The need for a special shield circuit wire to connect the sheath or the extension wire is eliminated resulting in a dependable, time-saving installation.
3. Removable shield wire connection/ Built-in shield wire connection can be eliminated when not required.	After the built-in shield link is removed the shield from the extension wire or a 3-wire RTD can be easily and quickly installed using the Jab-in® terminal which accepts up to 24 gauge (.020") wire.
4. Offset hex entrance/ Accepts braze-on or crimp-on hex sheath adapters, external sheath adapters, and wire clamps.	The fine wires of the small diameter sheathed thermocouples are not strained. Technicians work with same-length wires for ease of installation.
5. Molded body/ Connector body and cap are molded of thermoset, glass-reinforced compounds that are color coded.	Thermoset molded connectors will withstand severe temperature environments without melting or deforming. Color codes allow easy thermocouple type identification which helps prevent mis-applications of connectors.
6. Polarized pins and double-wipe inserts/ Connectors are virtually impossible to mismatch. Inserts are spring loaded with funnel type entrances.	Elimination of mismatched connectors saves time in trouble-shooting instrumentation. Tight grip assures low signal loss. The entrance provides easy mating.
7. Mounting Hole/ Through hole provides clearance for #3 screw.	Surface mounting and stacking, if required can be made without special fixtures or secondary operations to the connector.