



QA Technology Company, Inc.

A p p l i c a t i o n s N o t e
**Instructions for Using Wire Plugs
 And Wire Plug Installation Tools**
 Document# D10048 Rev A ECN# 1892 Page 1 of 1

Overview:

Wire Plugs are used to connect 28 or 30 AWG solid conductor, Kynar insulated wire to all QA Technology .050 inch centers “P” termination sockets. Sockets are also available with pre-attached wire and other termination styles – see catalog for details.

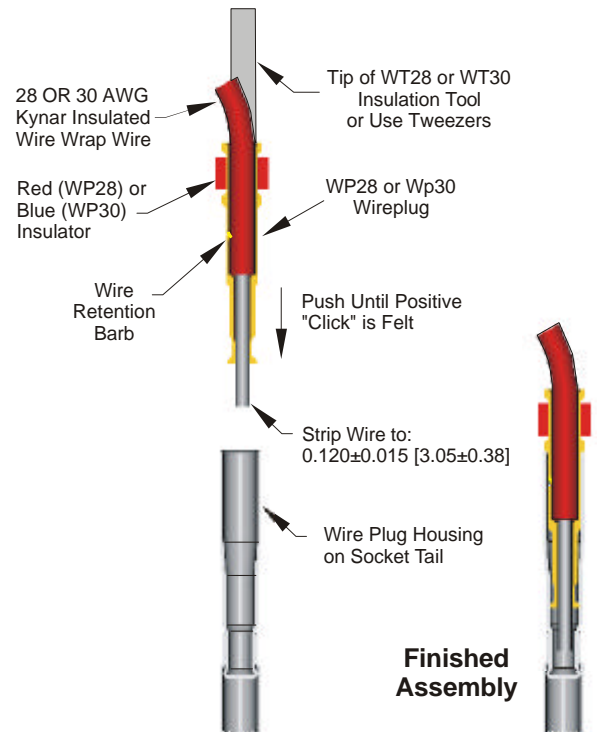
Wire Plugs are easily plugged into sockets and can be unplugged and reused. They are self-insulating and color-coded for wire gage. WP28 is used for 28 AWG wire and has a red insulator, WP30 is used for 30 AWG wire and has a blue insulator.

Wire Plug Installation Instructions:

1. Insert 28 or 30 AWG solid conductor Kynar insulated wire, stripped to length shown, into WP28 or WP30 Wireplug. Insertion is complete when insulation stops against internal shoulder and bare wire protrudes through tip of Wire Plug.
2. Using tweezers or appropriate WT Installation Tool, insert Wire Plug and wire assembly into back of socket until Wire Plug shoulder is flush with socket opening. A positive “click” will be felt when assembly is complete.

Notes:

- Wire Plugs are reusable and may be removed by pulling straight back on the wire. The Wire Plug will remain attached to the wire.
- Wire Plugs may be reused many times. If Wire Plug installation or retention force is noticeably reduced, the wire is worn. Simply cut and re-strip the wire to restore original forces.
- Multiple-strand wire may not be used. Use solid conductor wire only.
- Proper wire strip length is important. Wire strippers pre-set to the proper strip length are available through QA Technology. Order WS28 or WS30 depending on wire gauge.



Wire Plug Installation