1. SPECIFICATION DISTRIBUTION

No restrictions for issue

2. SCOPE

This specification contains the application notes for the 9286 poke home wire to wire connector.
Both thru wire and junction box versions are included.

3. PRODUCTS

00-9286-00X-021-X06 thru wire connectors, (connects pairs of wires) standard colour white.
00-9286-00X-121-506 junction box connectors (shorts all wires together) standard colour red.

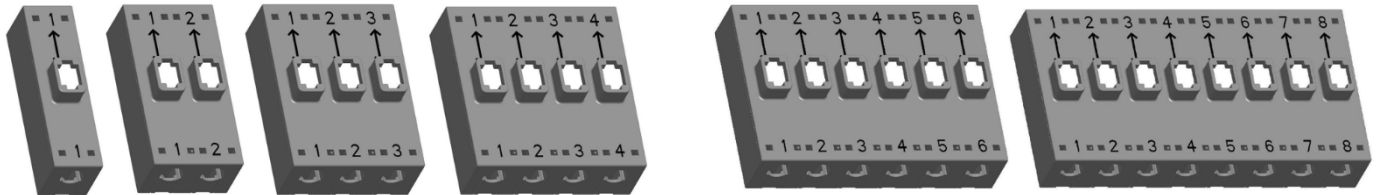For wire details refer to product specification 201-01-132.

Note: The connectors in this product series are available in standard white (thru wire version) and red (junction box version).

The colours used in this document are for illustration purposes only.
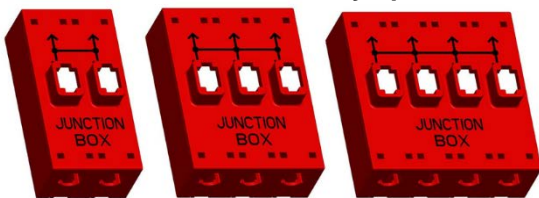
4. PRODUCT RANGE
4.1. THRU WIRE CONNECTORS

Available in 1, 2, 3, 4, 6 and 8 way sizes.

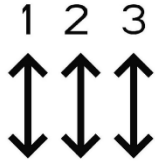## 4.2. JUNCION BOX CONNECTORS

Available in 4, 6 and 8 way options.

4.3. WIRE INSERTION/EXTRACTION BUTTON OPERATION TOOL

06-9286-7001-01-000

We recommend that all wire insertion operations are carried out using the tool.

Two button simultaneous operations
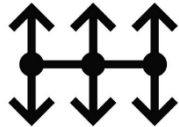
Single button operation

5. INTERNAL CONNECTIONS
5.1. THRU WIRE

Thru wire connector, internal connection allows a pair of wires – one wire in to one wire out connection only. Each connection is numbered to assist with identification. Connectors available to link 1, 2, 3, 4, 6 and 8 pairs of wires.
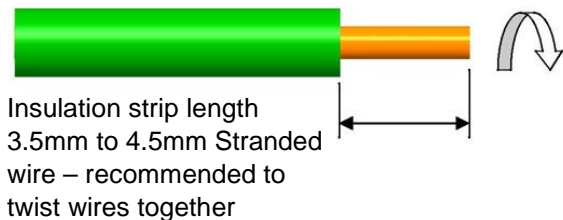3 way shown.
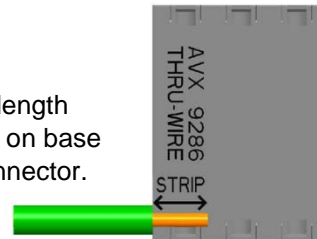
5.2. JUNCTION BOX CONNECTOR

Junction box connector, internal connection between all wires in/out. Connectors available to inter-connect 4, 6 and 8 wires.
6 way shown.
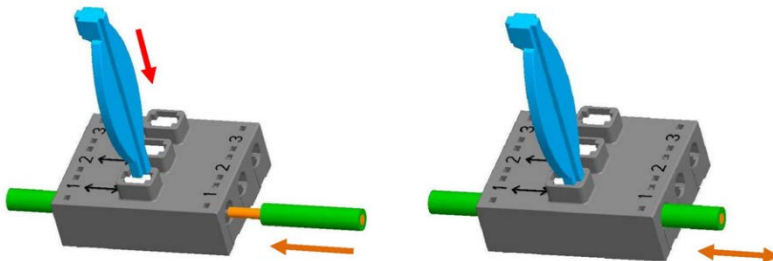
6. WIRE INSERTION – THRU WIRE CONNECTOR
6.1. WIRE PREPERATION

Insulation strip length 3.5mm to 4.5mm Stranded wire – recommended to twist wires together

Strip length guide on base of connector.

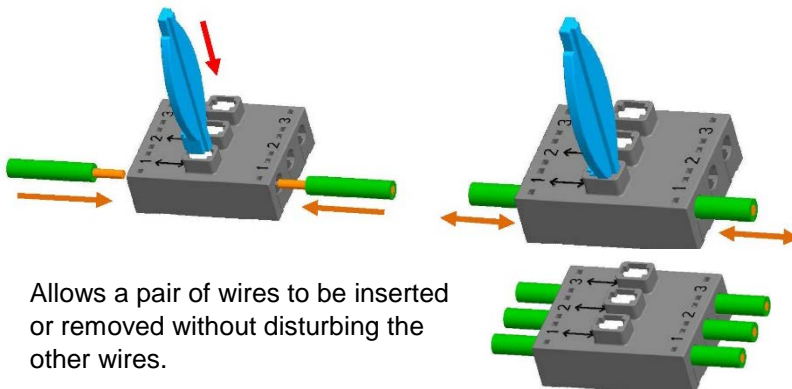### 6.2. SINGLE BUTTON OPERATION

Allows a single wire to be inserted or removed without disturbing the other wires.

Single wire operation:
1. Select single button end of tool (see 4.3).
2. Press down on button closest to wire entry hole required.
3. Push wire into hole until it reaches stop.
4. Release button.
5. For wire removal press down button closest to wire and pull the wire out.
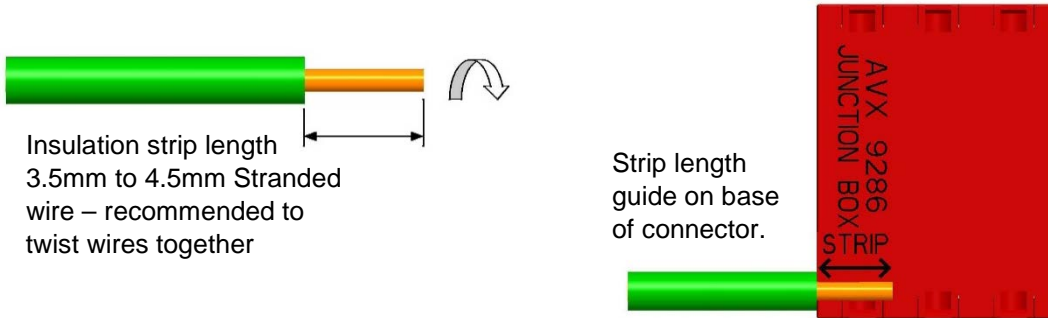6. Release button.

6.3. TWO BUTTON OPERATION

Allows a pair of wires to be inserted or removed without disturbing the other wires.
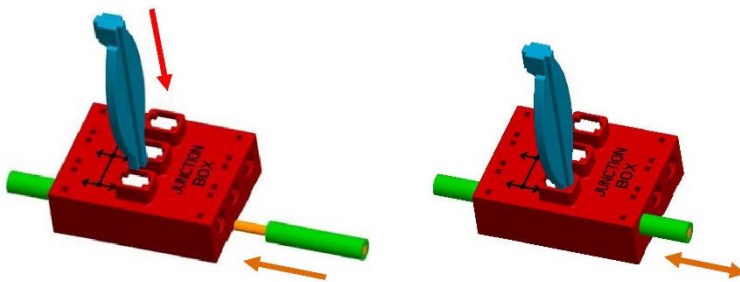
Two wire operation:
1. Select two button end of tool (see 4.3).
2. Press down on buttons closest to entry holes required.
3. Push wires into holes until they reach stop.
4. Release buttons.
5. For wire removal press down buttons closest to wires and pull the wires out.
6. Release buttons.

7. WIRE INSERTION – JUNCTION BOX CONNECTOR
7.1. WIRE PREPERATION

Insulation strip length 3.5mm to 4.5mm Stranded wire – recommended to twist wires together

Strip length guide on base of connector.
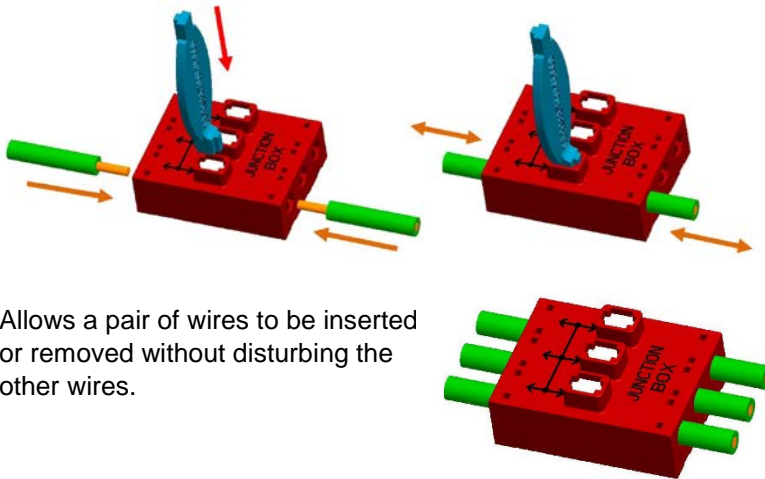
7.2. SINGLE BUTTON OPERATION

Allows a single wire to be inserted or removed without disturbing the other wires.

Single wire operation:
1. Select single button end of tool (see 4.3).
2. Press down on button closest to wire entry hole required.
3. Push wire into hole until it reaches stop.
4. Release button.
5. For wire removal press down button closest to wire and pull the wire out.
6. Release button.

7.3. TWO BUTTON OPERATION

Allows a pair of wires to be inserted or removed without disturbing the other wires.

Two wire operation:
1. Select two button end of tool (see 4.3).
2. Press down on buttons closest to entry holes required.
3. Push wires into holes until they reach stop.
4. Release buttons.
5. For wire removal press down buttons closest to wires and pull the wires out.
6. Release buttons.