

INSTRUMENT/OPTION. 11730A Option #K01

DESCRIPTION: Feed Through Adapter

AUTHOR: Linda Keir

ENGINEER/CO-ORDINATOR: Linda Keir

REVISION: B : 08/02/02 KS

REVISION HISTORY: A

APPROVAL SIGNATURE:

DATE: 21st April 21, 1998

QMD Special Engineering controlled document.
Photocopying of this document is prohibited.

This document should reside in Special Engineering when not in use by Production

11730A Option K01 (Was 435B #K21)**Description**

The 11730A Option K01 is a feed - through Adapter .

Material List

Item	Part Number	Qty	Description
1	46189-60046	1	Can (Order from Hudson Tool & Die Co
2	00435-00028	1	Modified Can (Order from ZOT)
3	00435-22006	1	Panel Adapter
4	-----	12	Wires/24" (Various Coloured 60mm)
5	1251-5759	2	Connector 12 pin
6	1251-3362	2	Nut
7	0520-0173	3	Screw
8	1400-0249	1	Tie Wrap - B/B
9	0470-0013	1	Nut Lock
10		1	11730A Opt. K01 Label
11	00435-90061	1	Manual 11730A #K01
12	9211-7834	1	Box with insert
13		3	Pack List

Order of material procedure**Item 1/2**

Order item 1 (P/N 46189-60046) from Hudson Tool & Die Co.

On receipt of the part, write MRT for the complete quantity as they now need to be sent out to be modified.

Place order from ZOT for item 2 (P/N 00435-00028). Take the order and item 1 down to the Buyer. These will be modified and returned.

Item 3

Order this item from ZOT

Item 4

This item consists of the following 12 coloured wires cut to 60mm length.

Blue, Yellow, Wht/Blue, Brown, Black, Violet, Grey, Orange, White/Red, White, Red, Green.

Items 5 - 8

Write MRT's for these items.

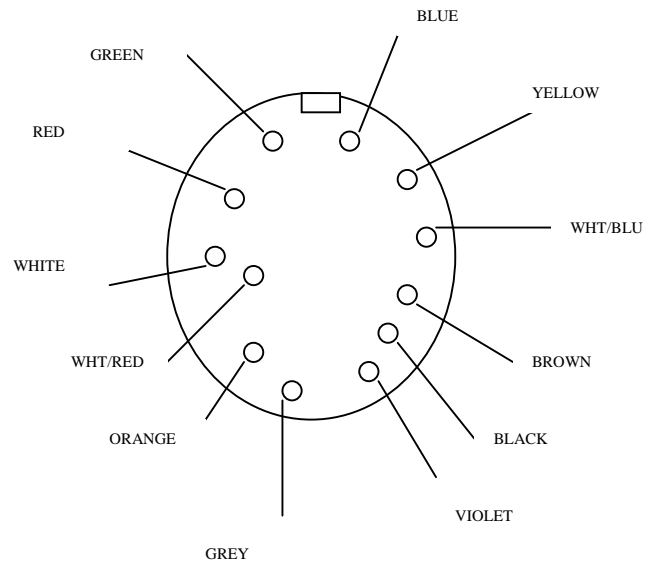
Procedure

- 1 Strip both ends off wire and tin.
- 2 Place connector P/N (1251-5759) into vice then tin pins.
- 3 Solder White/Red first then White/Blue then follow as (diagram 1).
- 4 Coat threads on connector with nut lock (P/N 0470-0013) .
- 5 Insert connector and wires into can , slide nut (P/N 1251-3362 over wires onto connector tighten with spintight kept beside vice .
- 6 Take second connector and coat with nut lock
- 7 Place connector through panel adapter add nut and tighten.
- 8 Connect Panel Adapter with connector put into jig and tin pins .
- 9 With second connector repeat step 4, twist wires and place tie wrap around and tighten.
- 10 Twist and push down panel adapter into the can, line up the holes and screw together using (P/N 0520-0173) 3 per .
- 11 Add label to completed Adapter.
- 12 Test completed assembly on Digital Multimeter, you require two mod pins P/N 1252-2499 follow (diagrams 1 & 2). Set multimeter at check that matching pins have readings and either side doesn't. (Note ! one side, keep on wire being tested,move other to each side.
13. Make a copy of the Manual which is kept in the 11730A #K01 file. Pack both the Adapter and Manual into item 12, label with instrument/option number. Put on Outgoing kanban.
14. Create pack list and make 3 copies, attach 2 copies to the material and place on the Kanban and file the other copy in the procedure drawer.

435B #K21 Metering (Continuity) Diagram 1

Diagram 1

Measuring Points	Result
Blue -----> Green	Open
Blue -----> Blue	Short
Blue -----> Yellow	Open
Yellow -----> Yellow	Short
Yellow -----> Wht/Blue	Open
Wht/Blue ---> Wht/Blue	Short
Wht/Blue ---> brown	Open
Brown -----> Brown	Short
Brown -----> Black	Open
Black -----> Black	Short
Black -----> Violet	Open
Violet -----> Violet	Short
Violet -----> Grey	Open
Grey -----> Grey	Short
Grey -----> Orange	Open
Orange -----> Orange	Short
Orange -----> Wht/Red	Open
Wht/Red ----> Wht/Red	Short
Wht/Red ----> Wht	Open
Wht -----> Wht	Short
Wht -----> Red	Open
Red -----> Red	Short
Red -----> Green	Open
Green -----> Green	Short



12/08/02

12/08/02

Test Procedure