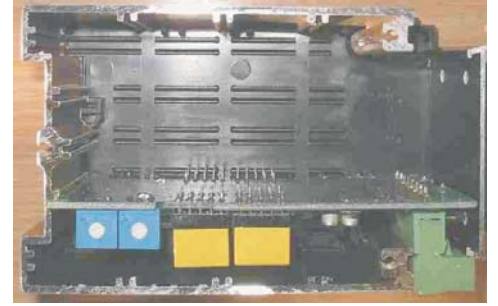


WARNING

This procedure requires the case to be disassembled, a small soldering iron suitable for electronic component assembly and a solder sucker.

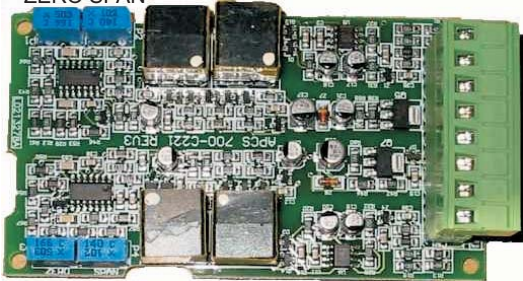
- ! The QLPI731 contains two identical circuit boards, each board contains two channels. Channels 1 and 2 are on the upper PCB and 3 and 4 are on the lower PCB
- ! Remove one side of the case then slide out the PCB that contains the channel you wish to change.
- ! Using the range selection table determine the links that should be open and use a solder sucker if they are currently joined
- ! Solder the links that should be joined.
- ! Using a test signal, loop power supply and external meters perform fine calibration using the span and zero for each channel.

QLPI731 with side and one PCB removed



QLPI731 PCB removed from case

Channel 1 / 4
ZERO SPAN



ZERO SPAN
Channel 2 / 3

Range Selection Table

Links indicated below should be soldered. Links not indicated should be open

Input	Channel 1/4	Channel 2/3
4-20mA	L1, L2, L3, L6	L7, L8, L9, L12
0-20mA	L1, L2, L3, L4	L7, L8, L9, L10
0-1V	L1, L2, L4	L7, L8, L10
0-5	L1, L4	L7, L10
1-5V	L2, L6	L8, L12
0-10V	L4	L10
Response	-	-
5mS	L5 open	L11 open
500mS	L5	L11

