

LSWIB-1

OPTO-INSULATED INTERFACE FOR LIMIT SWITCHES

1. DESCRIPTION

Opto-insulated interface for limit switches LSWIB-1 (Figure 1.1 and Figure 1.2) provides connection of limit switches supplied by 24 V DC control voltage with breakout board IO3. Limit switches can be inductive switches type PNP or classic contact switches or combination of those two types of switches.

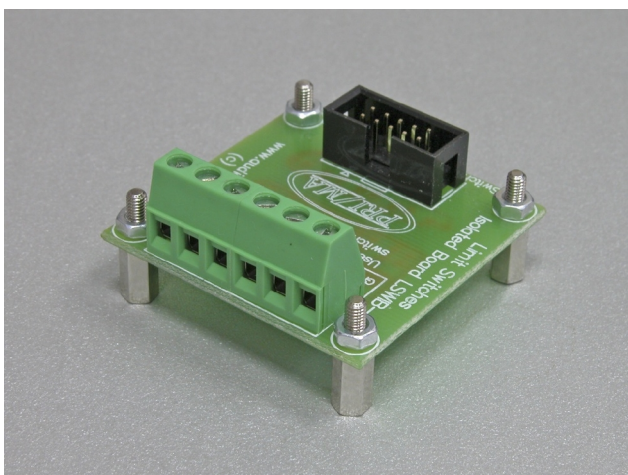


Figure 1.1

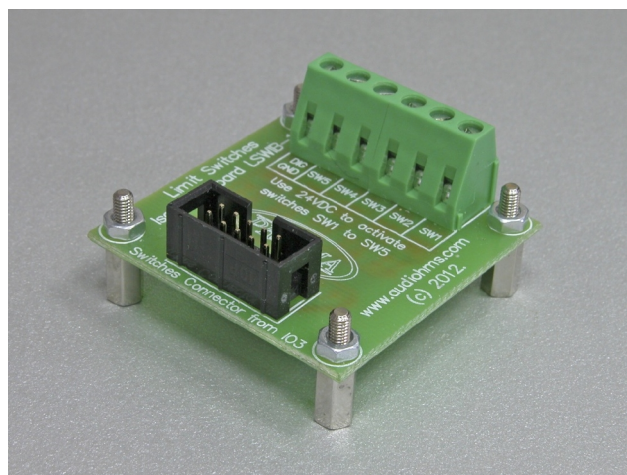


Figure 1.2

2. CONNECTION OF OPTO-INSULATED INTERFACE LSWIB-1

Opto-insulated interface for limit switches LSWIB-1 connects with breakout board IO3 via IDC-10 flat cable, as it is shown in Figure 2.1 and 2.2.

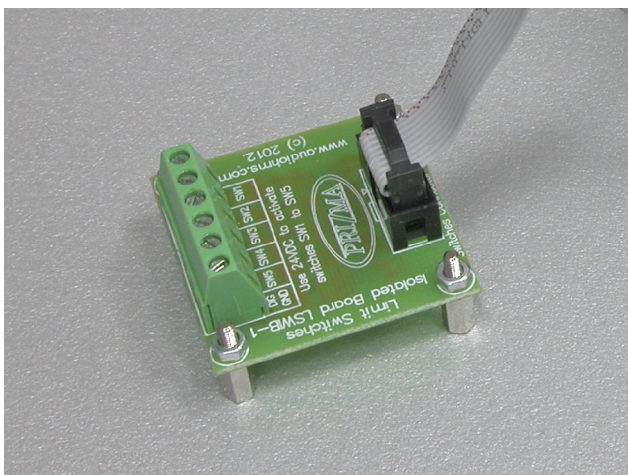


Figure 2.1

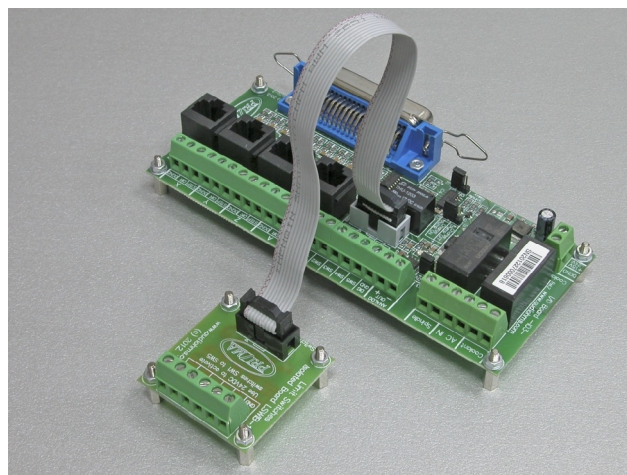


Figure 2.2

Connection of inductive switches, or classic contact switches to opto-insulated interface LSWIB-1 is shown on schematic diagram in Figure 2.3. For connection of these switches it is needed an external power source of 24VDC.

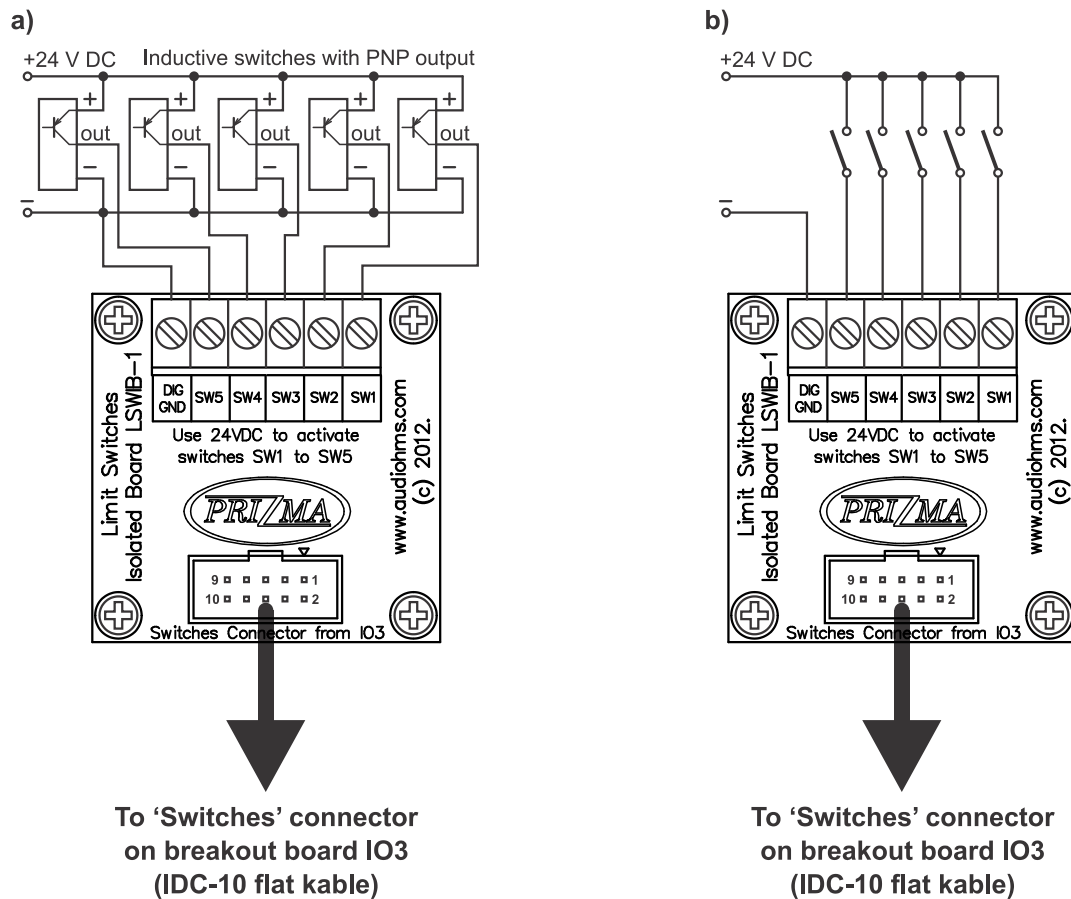


Figure 2.3 A diagram of connecting the switches to opto-insulated interface LSWIB-1, a) option with inductive switches with PNP output and b) option with classic contact switches

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