E L E X O L
ELECTRONIC SOLUTIONS

I/O 24 Opto Input Board

The I/O 24 Opto Input Board shown below in diagram 1 is a very useful accessory which allows the user to connect signals from 3 to 24V AC or DC to the I/O ports of either the USB I/O24, or the Ether I/O24 via 8 optically isolated input channels.
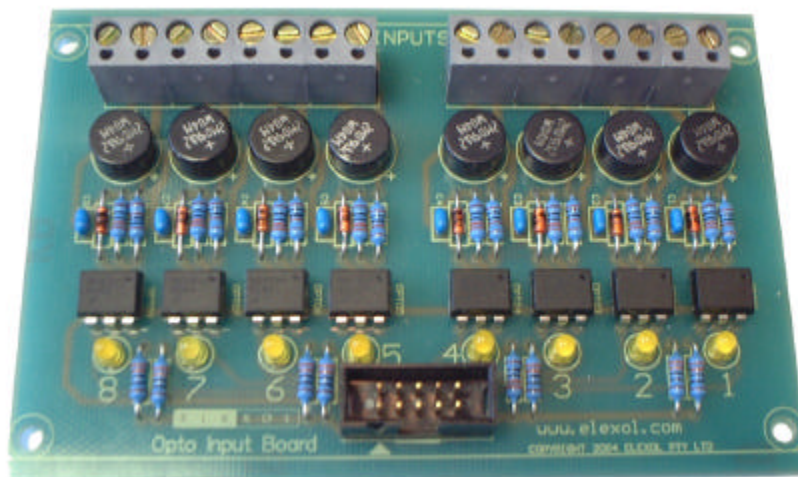

Diagram 1

Each of the input channels is electrically isolated from all other channels and the I/O24 module preventing signals from other channels interfering with each other and damage to the I/O24 module. The input channels also have LED's to indicate when a signal is present on the channel.

The connections to the input channels on the opto input board are by screw terminals that will accept cables $0.5 – 2$ mm[1]. The connection between the I/O24 module and the opto input board is via a 30 cm IDC connection cable. This cable is provided with the board.

The board has been designed to a 72mm standard width so that it can easily be mounted in DIN rail mounting modules.

BOARD FEATURES

- 8 x Optically Isolated Inputs for each of the I/O24 port pins
- Indication LED for channel input
- Screw Terminal Block connections for input channels
- Easy connection by 10-way box header to suit standard IDC connector for connection to the I/O port
- 72mm Standard width for DIN Rail Modules

For further information regarding the release of this product please visit our website at **http://www.elexol.com** or contact us via email at **enquires@elexol.com**