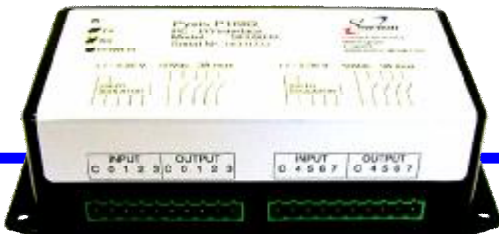
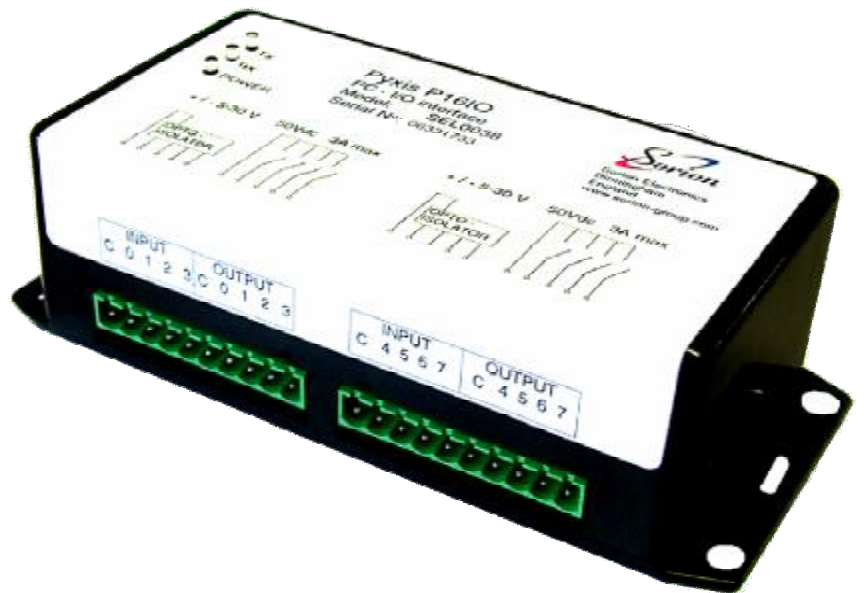


# Pyxis P16IO

The Pyxis P16IO is a low cost, powerful, yet easy to use tool in the assembly and diagnostics of Automotive vehicles and sub-assemblies



- Eight Opto-Isolated Inputs
- Eight Relay Outputs
- Communication Indicators
- Low cost
- Industrial 2 part connectors
- Makes test system design easier
- USB interface and Powered
- Plug & Play with Windows XP

The **Pyxis P16IO** is a versatile Input/Output industrial interface connected to a PC via USB.

The interface itself is powered from the USB bus and is electrically isolated from the external I/O.

Eight opto-isolated inputs operate over the range 5 to 30V and eight 3A relay outputs are provided.

LED indication is provided to show communication activity with the host PC.

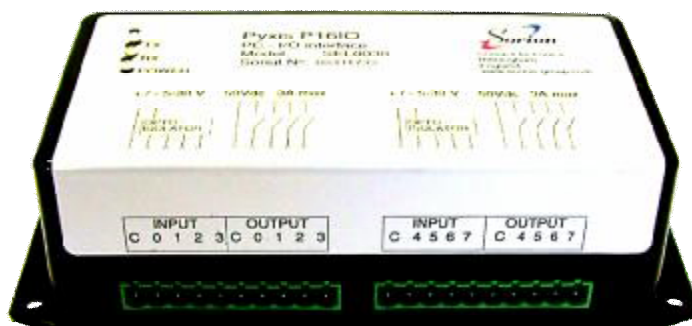
The I/O connectors are grouped as two groups of 10 way, two-part, screw terminal connectors. Each group comprises one block of inputs and one block of outputs.

Each Input and output block comprises four I/O signals and a common connection, therefore both high side and low side arrangements are possible.

A special order option allows for additional rear facing connectors for panel mounting of the unit.

To provide for I/O control from within an application, the unit communicates with the PC either via comport emulation or a direct driver.

The command set allows for the setting and reading of I/O as well as asynchronous transmission on change of state.



## Parameter

## Specification

Inputs	8 off Opto Isolated
Input voltage range	5 - 30V AC/DC
Outputs	8 off Relay
Output voltage	50V @ 3A (non-inductive)
USB Interface	2.0 Full Speed
Power supply from USB	300mA

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