



FEATURES

Reliable, robust design

Plug & Play

Versatile mounting arrangements

Fully compatible with Sextans control application

BENEFITS



Cost effective solution



Reliability in industrial installations



Plug & Play, easy to install and use

APPLICATIONS

Line integration

Tooling interface

Machine control

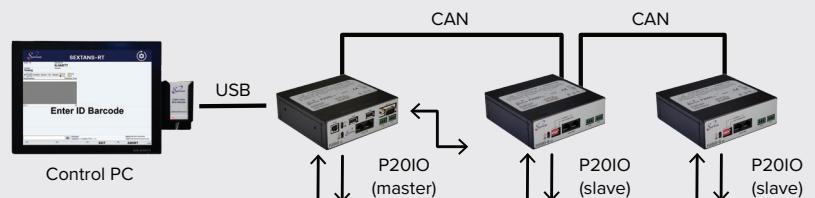
Your application

The Pyxis P2010 is a USB based interface with 20 lines of real world I/O, USB and serial ports and is designed to allow a PC system to provide interface and control functions.

An installation can be easily expanded using multiple slave units to provide additional and distributed I/O using Sorion's proprietary **CAN based interface**.

The **Pyxis P2010** offers a cost effective solution providing flexibility of installation and reliability in industrial, scientific, commercial and educational installations.

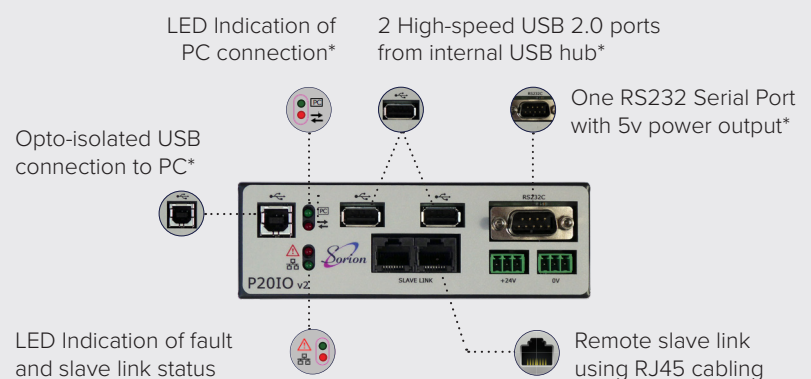
The Pyxis P2010 is plug-and-play with Microsoft Windows 10.



FEATURES

Connectors for interface wiring

- Opto-isolated USB connection to PC (master only)
- Two High-speed USB 2.0 ports provided by internal USB hub (master only)
- One RS232 Serial Port with 5V power (master only)
- LED Indication of PC connection (master only), fault and slave link status
- Remote slave link using RJ45 cabling

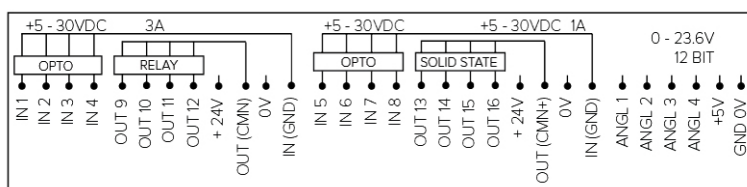


*master only

FEATURES

Two-part Phoenix connectors for I/O wiring providing:

- Eight opto-isolated digital inputs arranged in two banks of four. The common for each bank allows for active high, low or AC operation
- Four volt-free relay digital outputs. The common allows for high, low or AC operation 3amp maximum
- Four high side driver outputs 5V - 30V DC at 2 amps maximum
- Four analogue inputs – 12 bit resolution scaled for 0 - 24V
- 24V DC required for operation



Further Sorion Interfaces

SEL0089

Stand-alone motor control card



KBDEM

USB keyboard input to allow the connection of industrial push-buttons to a PC



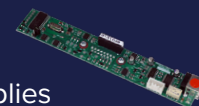
REMPB

Wireless Remote for KBDEM



LPSC

USB Control for Intelligent Power Supplies



P16IO

16 channel Digital Input / Output USB module

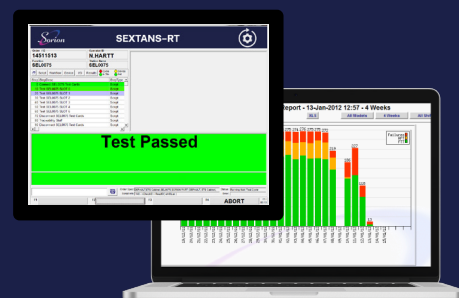


TECHNICAL DATA

Parameter	Data
Power supply	24V DC @ 0.1 Amp/Module
Digital Input	8 opto-isolated @ 5-30V
Analogue Input	4 @ 0-24V
Relay Output	4 off volt-free relays @ 3 Amp
HSD Output	4 off solid state HSD @ 1 Amp with current monitor
I/O termination	Phoenix two-part connectors
OS Support	Windows 10 - USB interfaced
Dimensions	H 42mm x W 133mm x D 133mm
Part number	SEL0077 v2

INTEGRATION

The Pyxis P20IO is fully supported by Sorion's **Sextans RT** control application and **Orion™** Traceability database to allow deployment of large systems with full central management.



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