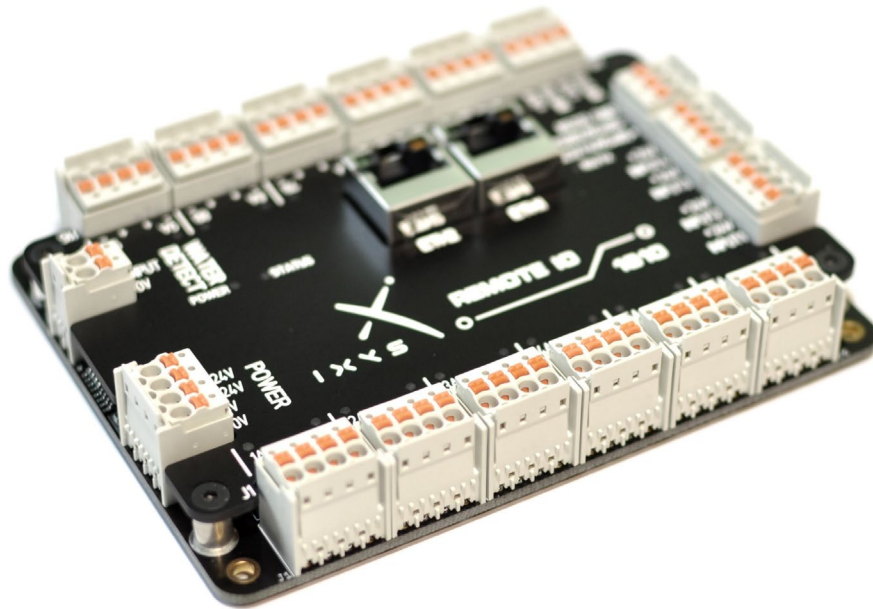


SPECIFICATIONS

PCB REMOTE IO 1810



Description

The Remote IO 1810 is a standalone board for controlling proportional/on-off valves and reading sensors.

In total 18ea PWM outputs divided on 9ea output connectors for controlling valve solenoids. 10ea analog inputs for 4-20mA sensors.

Input 5&6, 7&8 and 9&10 can in pairs be switched to digital NPN inputs with both raw on/off values and pulse counters to be used with incremental encoders or flowmeters.

Features

- LED Indicators for Diagnostics
- Compact design
- High Resolution Analog inputs
- Pressure Tolerant
- Daisy Chain
- Water Detect
- Individual frequency control for all channels
- Dither function
- Modbus RTU/UDP/TCP Protocol
- Inbuilt switch / dual ethernet ports
- Software switchable between RS232 and RS485
- Web server for easy configuration

SPECIFICATIONS

PCB REMOTE IO 1810

General Technical Specifications

Type		PCB Remote IO 1810
Dimensions	mm	120x90x22
Weight	g	~150
Temperature Operational (ambient)	°C	-20 to +70
Temperature Storage	°C	-20 to +70

Electrical

Supply Voltage	VDC	24VDC (10-30)
Power Consumption	W	~5W

Communication

Ethernet	Mbps	10/100
RS232/485	Kbps	9.6-230.4

Performance

PWM Output Frequency	Hz	40-2000
PWM Output Resolution		16bit (65535)
PWM Output Current	A	5A (Max total for PCB = 15A)
Analog Input Resolution		16bit (65535)
Digital Input Counter Frequency	kHz	0-2

Ordering Part Numbers

Description	Part Number
PCB Remote IO 1810	114554

Accessories

Connector 4way	112073
Connector 3way	114566
Connector 2way	114568
Connector RJ45 Shielded	101393
Connector RJ45	100365
PCB NPN Interface	111526

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