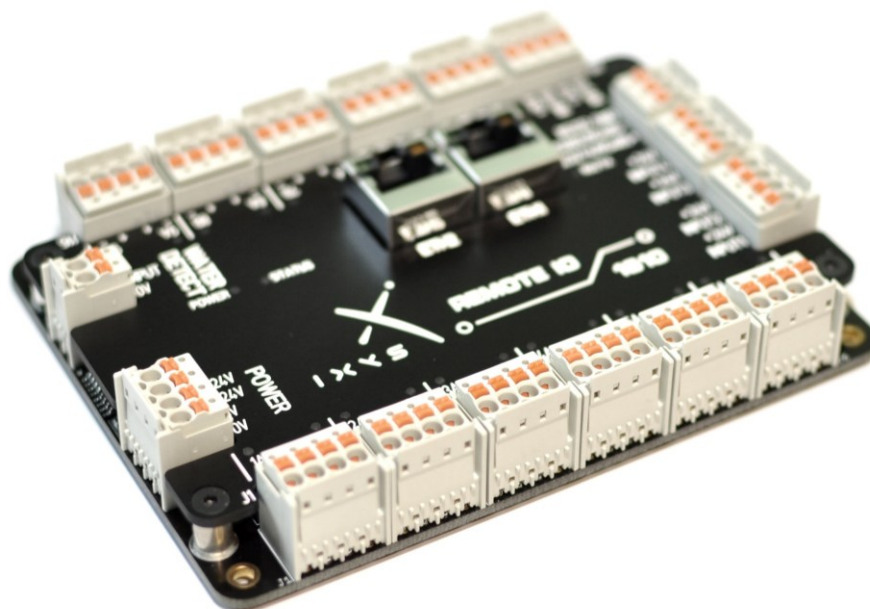


SPECIFICATIONS

PCB REMOTE IO 1810



Description

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

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

Inputs 5 - 10 can in pairs be switched to digital NPN inputs. Both raw on/off values and pulse counters can be used with incremental encoders or flowmeters.

Features

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

SPECIFICATIONS

PCB REMOTE IO 1810

General Technical Specifications

Type		PCB Remote IO 1810
Dimensions	mm	120x90x22
Weight	g	~150
Temperature Operational (ambient)	°C	-18 to +70
Temperature Storage	°C	-20 to +70

Electrical

Supply Voltage	V DC	24
Power Consumption	W	~5

Communication

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

Performance

PWM Output Frequency	Hz	40-2000
PWM Output Resolution		16 bit
PWM Output Current	A	2
PWM Output Current Total Max	A	15
Analog Input Resolution		16 bit
Digital Input Counter Frequency	Hz	0-2000

Ordering Part Numbers:

Description	Part Number
PCB Remote IO 1810	114554

Accessories

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

**Parts included in assembly. Listed as spares.*

SPECIFICATIONS

PCB REMOTE IO 1810

