

NeOSS V3 Controls

by Fieldwell Energy Services Ltd.



We are a qualified Partner with NeOSS building management controllers which provides the latest advancement in building controls technology and delivers a complete solution to today's building control applications.

The controller is freely programmable and incorporates a full featured embedded web server capable of delivering dynamic plant graphics, data logging, alarm management facility, occupancy time profiles and event scheduling.

Master Controller MP

- 8 Universal Inputs (Temperature, 0-10V, 4-10ma, Digital)
- 2 Digital Outputs
- 4 Analog Outputs (0-10V)
- 2 Digital Outputs (Off/On)

Expansion Modules (Up to 17 per Master)

Type 1:

- 7 Digital Inputs (Capable of high speed counting)
- 8 Digital Outputs (Off/On)

Type 2:

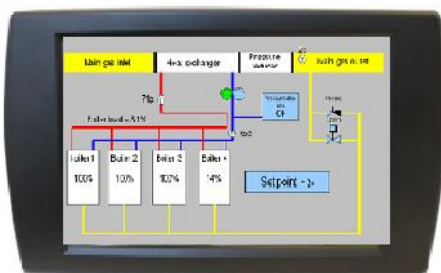
- 7 Universal Inputs (Temperature, 0-10V, 4-10Ma, Digital)
- 8 Analog Outputs (0-10V)

User Interface

- Local Touchscreen (NeOSS Brand or any Modbus type)
- Remote Access via Network (LAN) / Internet / GSM Modem
- The Graphics Package can be individually tailored to suit site in question.
- Full operator training provided.

Controller Modules

- PID Loops
- Raise / Lower
- Look up tables
- Full Maths Package
- Logic Gates
- Min / Max / Average
- Set Points
- Status



Integration

- Modbus – Up to 32 Modbus devices per MP
- BACnet
- LON

Time Schedules

- Up to 4 On/Off Periods per day
- Up to 100 Independent Schedules.
- Optimiser available for each Schedule if required.

Logging

- Viewed on Local Touchscreen or Web Interface.
- 30 Seconds / 1 Min / 5 Min / 15 Min / 1 Hour / 6 Hour / 12 Hour Intervals
- Logs held in Non-Volatile memory.
- Can be downloaded via Web Interface.
- Can be emailed out

Metering

- Display of accumulated total used
- Display of Days / Weeks / Months / Years Usage
- Pulse, Modbus, BACnet and LON

Sensors

- Can Interface with most manufacturers standard Sensors.
- Mix and Match as required ideal for retrofit.



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