TANKNET® CONTROLLER

MODEL: PM-4000 Series II

Temperature, Humidity, CO_2, Night-Air and More...

STANDARD FEATURES

- Intuitive Touch Screen Interface
- IP-67 Rated Panel Mount Enclosure
- I/O Expandable via DIN-Rail Modules
- Supports 40 Control Loops
- Internal Data logging / Trending
- 10/100 Ethernet Networking
- Network Upgradeable Firmware

APPLICATIONS

- Multi-Zone Temperature Control
- Multi-Zone Humidity Control
- Multi-Zone CO_2 Detection / Exhaust
- Night Air Cooling
- Multi-Stage Chiller Control / Modulated Mixing Valve Control
- Custom Logic for Virtually Any Process Control Application

COMPACT MULTI-FUNCTION CONTROL

The all new TankNET® PM-4000 is a powerfully versatile, multi-function controller capable of managing cellar environments, chiller equipment and a wide range custom control applications. Housed in a 1/4-DIN panel mount enclosure, the PM-4000 is available with a variety built-in I/O that's easily expandable via DIN-rail I/O modules to accommodate complex control requirements.
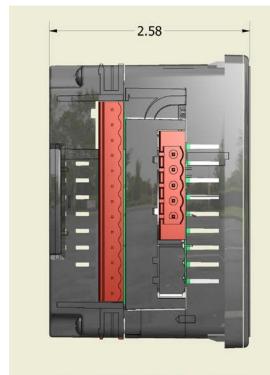
A color touch screen interface makes local programming and assessment of process variables simple and intuitive. A MicroSD memory slot and a real-time clock facilitate stand-alone data logging, graphical trending, and scheduling of control tasks.

When networked to TankNET software, the PM-4000 can be remotely monitored and controlled from any web browser, iPhone and Android device. TankNET provides peace of mind with e-mail alarms, audit trails and complete control of cellar enviroments and critical plant equipment from anywhwere.

TANKNET®
TEMPERATURE CONTROL AND
FERMENTATION MANAGEMENT

PM-4000 CONTROLLER

MECHANICAL SPECIFICATIONS

2.58

3.77

Cellar Temp
62.6 F

Outside Air Temp
68.0 F

Cellar Humidity (RH)
75.0 %

Control Status
- Mechanical Cooling
- Night-Air Cooling
- Humidifcation
- CO_2 Exhaust

Cellar CO_2
3500 PPM

PM-4000

SERVICE   ENTER   ▼   ▲   ■

3.77

PANEL CUT-OUT: 1/4 DIN
3.64" x 3.64" (92mm x 92mm)

ELECTRICAL SPECIFICATIONS

INPUT VOLTAGE	24VAC @ 50/60Hz
POWER CONSUMPTION	20 VA
MODEL 0	NO BUILT-IN I/O
MODEL 2	12 DC IN, 6 RELAY OUT, 4 ANALOG IN
MODEL 3	12 DC IN, 12 DC OUT, 2 ANALOG IN
MODEL 4	24 DC IN, 116 DC OUT, 2 ANALOG IN
MODEL 5	12 DC IN, 12 DC OUT, 2 RTD INPUT
NETWORKING	ETHERNET 100BASE-TX
EXTERNAL CONNECTORS	EURO PLUGS (5.08mm pitch)
ENCLOSURE	1/4 DIN PANEL MOUNT, IP-67 RATED

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

ORDERING INFORMATION

4000-Mn

MODEL I/O

I/O EXPANSION ACCESSORIES

Inquire about available I/O options

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