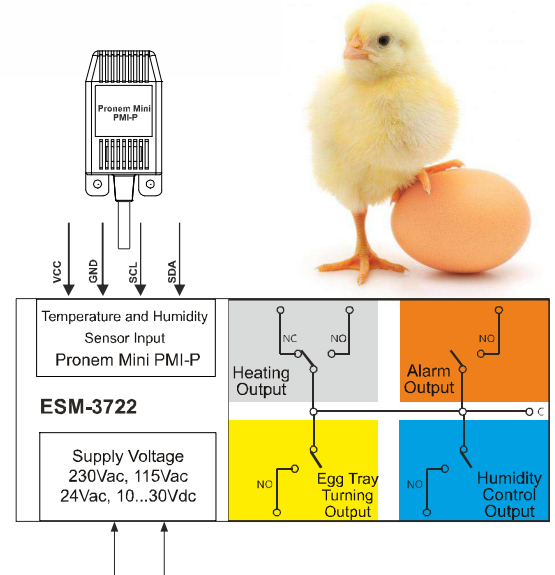


Dual SET
Digital Incubators Control

ESM-3722



- 4 Digit Temperature and 4 Digit Humidity Display
- Pronem PMI-P Temperature Sensor Input
- Pronem Mini PMI-P Humidity Sensor Input
- 4 Output
 - * Temperature Control Output
 - * Humidity Control Output
 - * Egg Tray Turning Output
 - * Alarm Control Output
- PID or ON / OFF Selectable Temperature Control
- Auto-Tune PID
- Temperature and Humidity Set Value Boundaries
- Egg Tray manual operation from front panel
- Alarm parameters and alarm status can be adjusted according to the audible alert (internal buzzer functions for alarm conditions)
- Password Protection for Programming Section



Technical Specifications

Input

Pronem Mini PMI-P Temperature + Humidity Sensor

Output

- Heating control:** Relay (5A@250Vac "at resistive load") or SSR Driver output (Maximum 20mA@12Vdc)
- Alarm control:** Relay (3A@250Vac "at resistive load")
- Humidity control:** Relay (3A@250Vac "at resistive load")
- Egg Tray turning engine control:** Relay (3A@250Vac "at resistive load")

Measuring range

- 0°C...100°C
- Accuracy: ±1% of scale
- Sensor Break Protection: Upscale
- Sampling Cycle: 3 samples per second
- Control form: ON/OFF, PID

Supply Voltage

- 230Vac (±%15) 50/60Hz -1,5VA
- 115Vac (±%15) 50/60Hz -1,5VA
- 24Vac (±%15) 50/60Hz -1,5VA
- 10...30Vdc -1,5VA

Environmental conditions and physical properties

- Working temperature: 0...50°C
- Humidity: %0-90 RH (non-condensing)

Dimensions: 76 x 34.5 mm, Depth: 71 mm