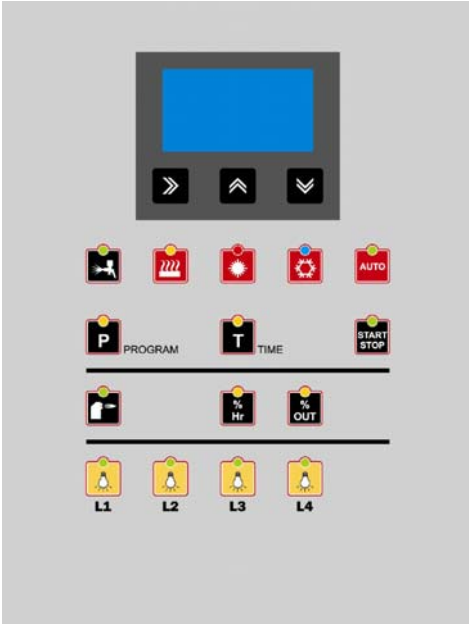
CONTROLLER 8900

The controller is intended for supervising and automating the different variables which are used in the operation of paint booths or similar.

General Characteristics



- *Visualisation using LCD graphic display with high contrast and brightness with a resolution of 64x128 pixels.*
- *It uses 2 temperature inputs of Pt 1000 to measure 2 points in the booth. One is used for the regulation of the booth temperature. The other probe measures the maximum or minimum alarm temperatures.*
- *It has the possibility of measuring the temperature of the part to be painted using a third Pt 1000 probe.*
- *Possibility of measuring the booth pressure using an internal pressure sensor or an external converter with 4/20 mA.*
- *It includes two built-in differential pressure sensors to detect the correct condition of the filters.*
- *This allows measuring the relative humidity of the booth.*
- *By configuring the analogue control equipment signals there is allocation to each of the four analogue outputs with 0/10 V.*
- *Direction operation using a relay of up to 4 lines of lights inside the booth.*
- *RS485 output for communication with SW6000.*

Electric

- *Power supply 24 Vac +/- 20%. (50-60 Hz)*
- *Electric consumption: 5VA.*
- *Outputs by relay 3 Amp. 230VAC potential-free.*
- *Analogue outputs at 0/10 V.*
- *Voltage output +24Vcc maximum load 75mA for supplying external converters.*
- *Temperature inputs probe type Pt1000.*
- *Inlet of RH for the sensor with power supply +5 Vcc.*
- *Signal inputs from linearised transmitter 4...20 mA with incorporated power supply 24Vcc.*
- *Direct inputs of differential pressure sensors.*

Mechanical

- *Format 300x230 mm.*
- *Depth 60 mm including the connection terminals.*
- *Front protection IP65.*
- *Rear protection IP00 (interior protection recommendation).*
- *Operation between 0 and 60ºC and between 0 and 80% of RH.*
- *Storage conditions between 10 and 60 ºC.*

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