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An ISO 9001:2000 company

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COMPRESSOR CONTROLLER

Compressed air is the life line in major Industrial plants. Generally, in a plant, there are compressors of different capacities feeding air to a common reservoir or to a common network. The selection of compressor is done manually based on demand by monitoring the pressure value. The manual selection does not achieve proper utilization of all the machines and an optimized level is difficult to be achieved.

Jayashree Electron, Pune has developed an advanced Intelligent controller unit Series ACS 980 which are useful for automatic selection of appropriate compressor based on pressure level to achieve an optimized operation.



The controller is available in discrete / Microcontroller based design as per application requirement.

The Microcontroller based units are having built-in PID controller to monitor the compressor operation based on air consumption.

Series ACS 980 Compressor Controllers are available in two basic models designed to suit specific applications and to provide required optional features.

Model **ACS 9801** is based on discrete circuit. It is provided with linear Push to set control settings for adjusting relay trip points. The Digital Display shows instantaneous as well as set value of air pressure.

Model **ACS 9802** is based on latest Micro-processor. This model is provided with key-pad to program the trip points of built-in relay to precisely control loading/un-loading cycles.

Both the models take input from pressure transducers and carry Seven segment Digital Display to read Pressure in **kg/cm²**.

Both the basic models are available as 3-point and 5-point controllers and are provided with built-in relay/s for control. For control of multiple compressors, separate relay unit is provided as per customers requirements. Control of all these relays is possible from single controller. Status Control indications are suitably provided in the form of LED's for respective relays. Optional controls and features such as audible warnings for High Pressure, Low air pressure and Standby Start command are also provided on request.