



CL1A
with 2 line, 16 character display



COMPRESSOR CONTROL AT THE TOUCH OF A BUTTON

Whether you are looking for a the lower-cost CL1A compressor controller or the user-friendly full-featured CM5A compressor controller, Accel Compression has what you need.

The CL1A is an easy-to-use, low-cost, single-stage compressor controller that offers features not commonly found on controllers in this price range. The CL1A includes 16 pre-programmed digital inputs and 1 analog input that can be configured as a stop/start control to work with a 4-20 mA pressure transducer. The CL1A can be programmed for vapor recovery applications (very low pressure) or standard gas compressor applications. Output contacts are pre-programmed to control motors, scrubber dump valves, alarms, and bypass valves. Scrubber liquid level control can be achieved using 1, 2, or 3 float switches.

Inputs:

- Low Suction Pressure (4-20 mA Analog)*
- High Suction Pressure (4-20 mA Analog)*
- High Discharge Pressure (Digital Input)
- Low Discharge Pressure (Digital Input)
- Low Oil Pressure (Digital Input)
- Low Oil Level (Digital Input)
- High Oil Temperature (Digital Input)
- High Discharge Temperature (Digital Input)
- Compressor Motor Aux Switch (Digital Input)
- Oil Cooler Motor Aux Switch (Digital Input)
- VSD Failed Input (Digital Input)
- Excessive Compressor Vibration (Digital Input)
- High Scrubber Level (Digital Input)
- Open Liquid Dump (Digital Input)
- Close Liquid Dump (Digital Input)
- Open Bypass Valve (Digital Input)
- Close Bypass Valve (Digital Input)
- Master On/Off Switch/Reset Switch (Digital Input)

Outputs:

- Compressor Motor Start (Relay Output)
- Oil Motor Start (Relay Output)
- Liquid Dump Valve Open (Relay Output)
- Liquid Dump Valve Close (Relay Output)
- Bypass Valve Open (Relay Output)
- Bypass Valve Close (Relay Output)
- Alarm (Relay Output)
- Run Warning Indicator (Relay Output)

See reverse side for details on our
CM5A
Full Featured Controller

All programmable settings are password protected unless the password feature is turned off. Programmable settings incorporate multiple timers that give the operator flexible control over each input. Adjustable response times can be used to take inputs out of the system, delay response to changing conditions, or prevent rapid cycling.

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