

MYCOM

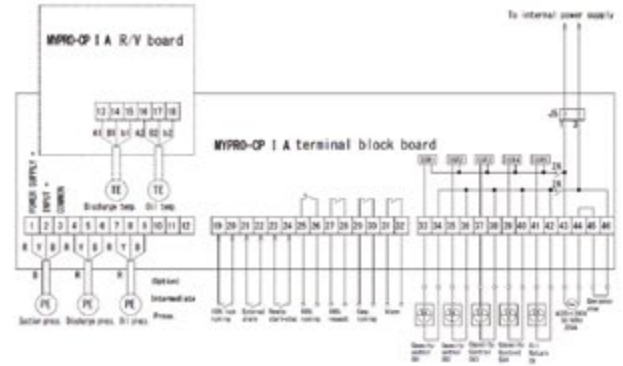
MYPRO-CP1A Series Control Panel



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MYPRO-CP1A is a microprocessor-based controller to safely operate MYCOM reciprocating compressor and mini-screw compressor models: WA, WB, WJ, WBHE, C, K, L, 10S, 11S, 1290, 1410 HK and M.

CP1A is a UL certified panel that contains 7-segment LED alphanumeric characters used for the Function, Data and Capacity displays. The keypad provides easy setup operation to select Compressor model, number of solenoid valves required, units of measurement for pressure and temperature display and control operation mode. With the use of electronic sensors and solid state relays to substitute the conventional mechanical switches, gauges and mechanical relays, reliability is drastically improved.



System Features and Specifications

- Simple installation and maintenance
- Maximum of 5 capacity control solenoid valve outputs
- Compressor capacity is automatically controlled to meet target Suction Pressure using single-point or multi-point setpoints options.
- Automatic, Manual and Remote operation modes
- Compressor Alarm annunciation with remote output
- Compressor auto-staging control is available with multiple CP1A units.
- Key-lock function prohibits change of setup value.
- Manual start and stop of compressor and capacity control is available.
- MYPRO-CP1A has self-diagnosis function of abnormal sensors.
- RS-485 communication option provides MYCOM and MODBUS communication protocols.

General Specifications

Supply Voltage	85 ~ 264 VAC
Power Consumption	30 VA
Temperature Ratings	Operating: +41°F (+5°C) to +122°F (+50°C), Storage: +14°F (+57°C) to 122°F (+50°C)
Ambient Humidity	85% RH or less (non-condensing)
Enclosure Rating	Nema 1
Dimensions	16"H x 16"W x 6"D (406mm H x 406mm W x 152mm D)

Specifications: Input / Output

Analog Input	Pressure Sensor	1 to 5 VDC	Max. 4
	Temperature Sensor	100Ω Platinum	Max. 2
Contact	Contact Input	Dry N.O. contact	3 points
		Dry N.C. contact	1 point
	Contact Output	Dry N.O. contact	3 points
		Dry N.C. contact	1 point
	Voltage N.O. contact	5 points	
Contact Load	Maximum 264VAC, 0.7A for both dry contact and voltage contact.		

Please contact your local MYCOM representative for more information or to request a quotation.
*Information on this brochure is for reference only. Subject to change without notice.



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