



MLC 9000+ BUS Compatible Multi-Loop PID Controller



MLC 9000+ Modules



MLC 9000+ Installed System

What is MLC 9000?

Think of MLC 9000 as a discrete controller that mounts behind the panel, working either as a stand-alone system or in a PLC environment. It has been specifically designed to take discrete controllers off the panel, and loops out of the PLC due to its lower installed cost, simplicity and superior performance.

A system comprises a communications module and up to 8 control modules. There are two main types of control module – single and four loop – both of which can be used on the same system. Panel space, or lack of it, is frequently an issue – but not for MLC 9000 – 32 loops measures just 206mm in width! MLC 9000 also talks the right languages supporting the most popular Buses comprising MODBUS, DeviceNet and ProfiBus.

MLC 9000 Vs Discretes

If you are using discrete temperature controllers, switching to MLC 9000 will result in significant reduction of your installation time and cost.

This is achieved, as a result of:

- Less wiring
- No more panel cut-outs
- Reduction in set-up time.

MLC 9000 Vs PLC Control

If you are using a PLC to manage your temperature control, by switching to MLC 9000 you will achieve a significant improvement in performance and reduction in installation costs due to:

- Superior performance – quicker to set point and faster reaction to process disturbances.
- On-demand and auto-tuning – no need to spend hours manually tuning loops.
- Faster set-up time – 32 loops start to finish in less than 30 minutes!
- Only buy the loops you need – most PLC temperature cards come in multiples of 4 loops.
- Down-grade processor by “outsourcing” loop control to MLC 9000.

MLC 9000 provides simple, complete availability of all parameters to the PLC and user via the HMI. It eliminates the need for multiple customer interfaces and incorporates all parameters into the PLC for simple integration into other parts of the machine control scheme or for data analysis.

Maximising up-time

In today's 24/7 environment product choice is increasingly made on its ability to maximise up time. That's why MLC 9000's hot-swap modules can be removed, new one inserted, auto configured and back in service in less than 60 seconds! Importantly the remaining control modules in the system are unaffected when any of the other modules are removed.

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