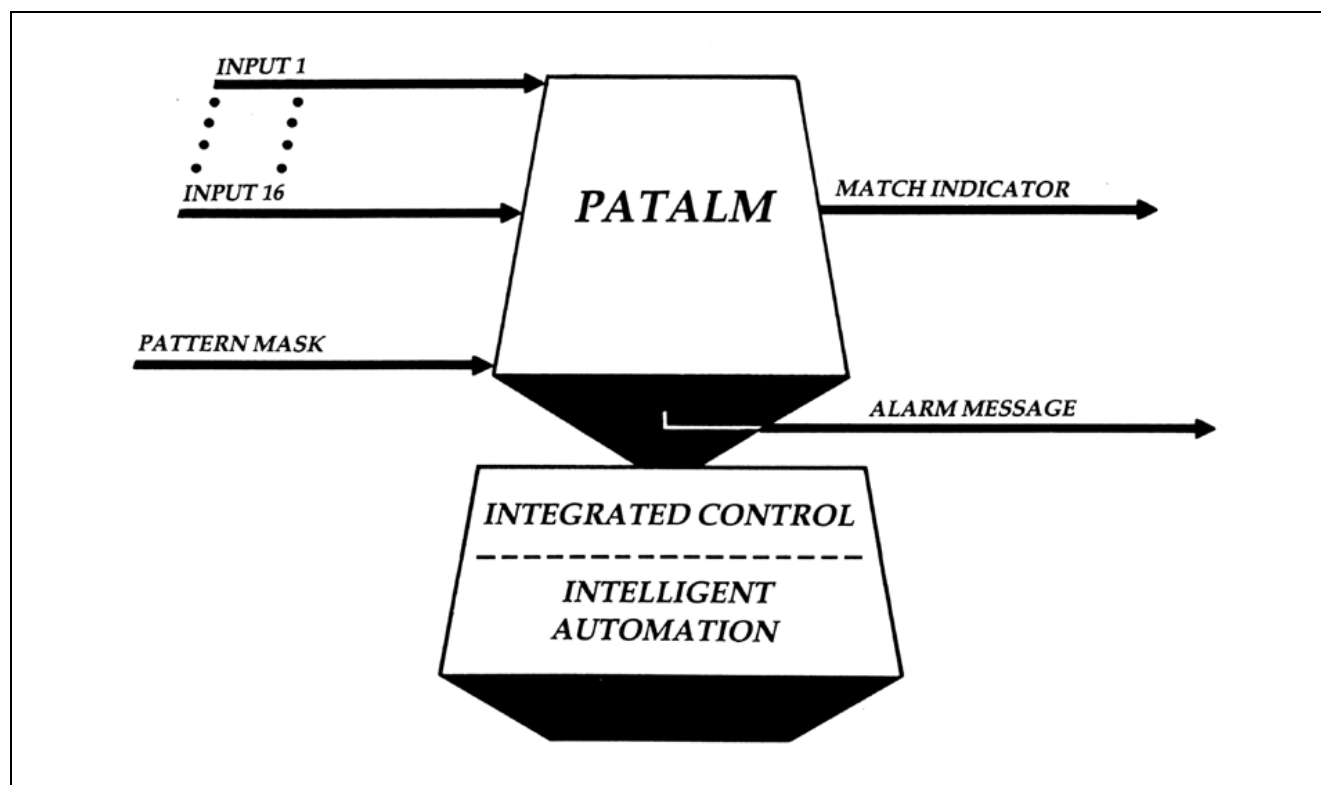# I/A Series® Software
Pattern Alarm (PATALM) Block

The Pattern Alarm (PATALM) block is a 16-bit pattern comparator for monitoring phased operations in batch processes, synchronization of process functions, etc.

OVERVIEW

The PATALM block compares the logical combination of up to 16 Boolean inputs to a user-specified 16-bit pattern. For a pattern match, an alarm message is generated and a match indicator is set. A state name and message text can be assigned to the alarmed point as part of the alarm message. The pattern match indicator can be connected to other blocks or into control schemes.

STANDARD FEATURES

- Manual/Auto control of outputs
- Up to 16 Boolean inputs
- Alarm message or pattern match

OPTIONAL FEATURE

- State name and message text are both part of the alarm message

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