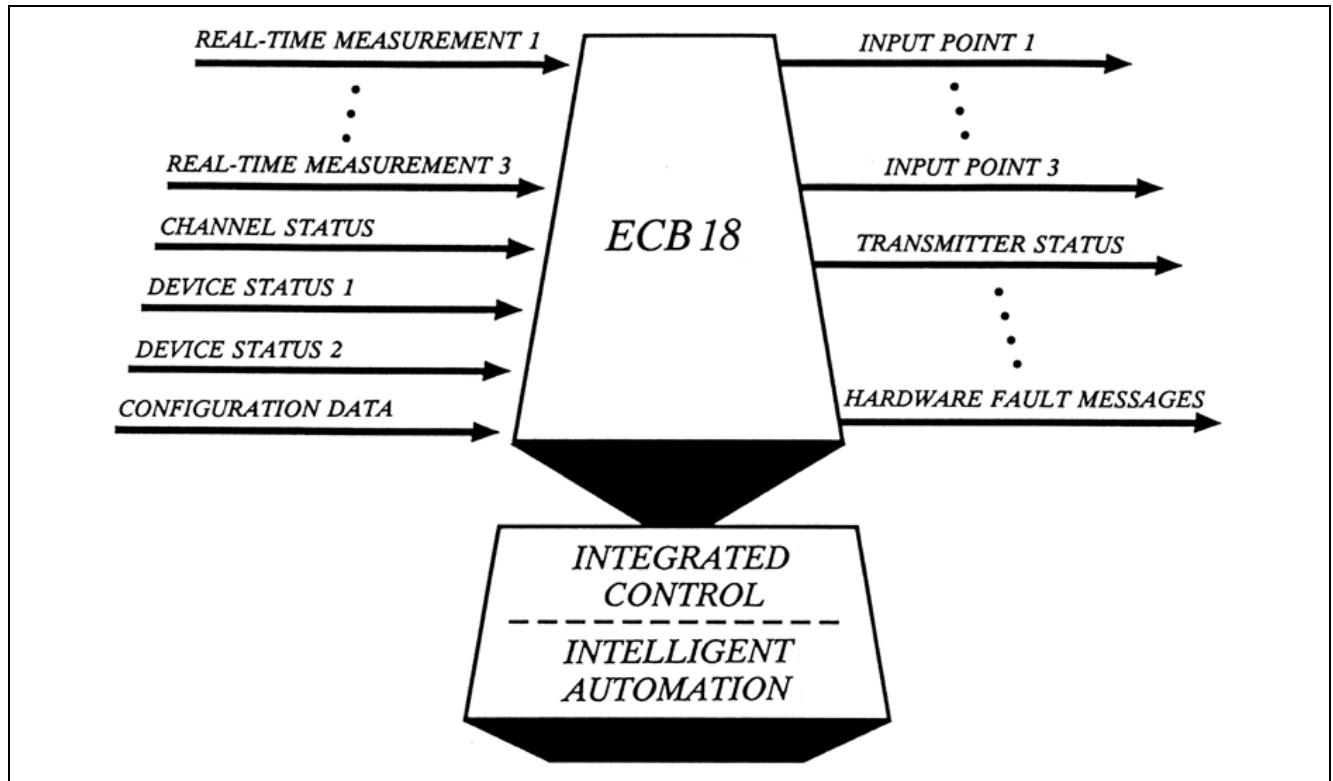**FOXBORO**®

I/A Series® Software
Intelligent Transmitter
Window Equipment Control Block (ECB18)

The window Equipment Control Block (ECB) supporting an Intelligent Transmitter receives measurement values and status conditions from the device for integration into the control scheme.

OVERVIEW

The Window ECB for Intelligent Transmitters (ECB18) handles up to three fully conditioned measurements from the device for connection to the control process each control cycle. Additional device configuration data is also made available to the control scheme via the Window ECB.

A bypass feature allows each input point to the control scheme to be set manually for control simulation. When the bypass feature is used, the ECB continues to maintain the 'device' value for use when the bypass feature is switched off. Optionally, for those devices that detect bad values, last good value retention is available.

Bad measurement detection is available upon detection of an IT hardware fault condition or a communication failure. A hardware fault message is automatically sent to the configured system monitor devices (e.g., printers).

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Product Specifications

STANDARD FEATURES

- Up to 3 measurement input values

- Upper and lower range levels for each input

- Number of status conditions for display and optional connection to control blocks

- Bypass which allows the manual manipulation of individual inputs to control scheme

- Bad measurement detection

OPTIONS

- For selected devices, the bad option feature marks primary measurement bad when the temperature measurement is out-of-range

- Last good value retention