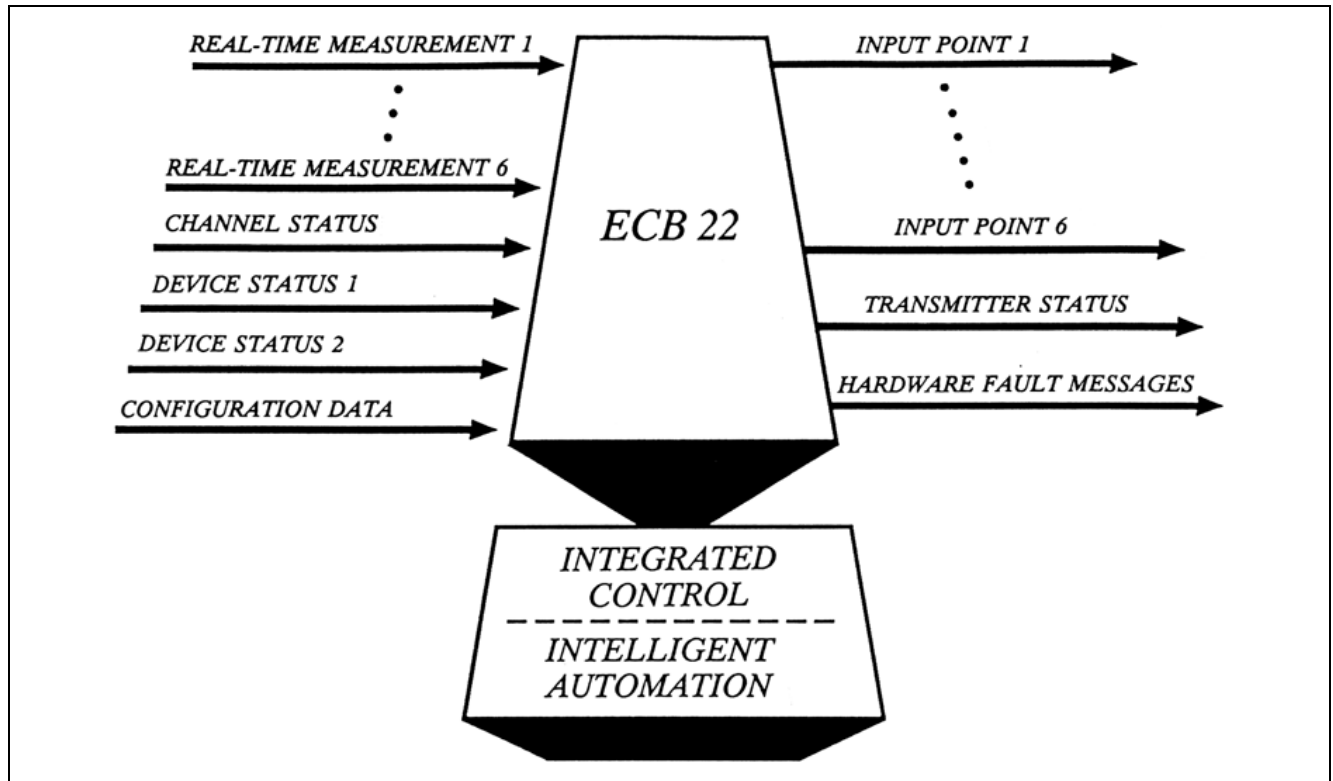


# I/A Series<sup>®</sup> Software

## Mass Flow Transmitter

### Window Equipment Control Block (ECB22)



The Window Equipment Control Block (ECB) supporting the Mass Flow Transmitter provides connectable measurement values and status conditions from the Mass Flow Transmitter for direct integration into the control scheme.

#### OVERVIEW

The Window ECB for the Mass Flow Transmitter (ECB22) receives up to six fully conditioned measurements from the device each scan cycle for connection to the control scheme. 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, last good value retention is available when bad values are detected.

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

Mass flow measurements include:

- mass flow
- density
- temperature
- total
- volumetric flow
- percent solids

**STANDARD FEATURES**

- Up to 6 measurement output values
- Number of status conditions for display and optional connection to control blocks
- Bypass which allows the manual manipulation of individual inputs to the control scheme
- Bad measurement detection

**OPTION**

- Last good value retention

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