













Advanced Analog Input Faceplate Help


Status Indicators

	Invalid configuration		Alarm Inhibit (Suppressed or Disabled)
	Data quality bad / failure		Maintenance Bypass active
	Data quality degraded / uncertain		Device in Simulation or Test
	Device disabled		

Threshold Indicators

	High-High Threshold exceeded		Low-Low Threshold exceeded
	High Threshold exceeded		Low Threshold exceeded
	High Deviation exceeded		Low Deviation exceeded
	High Rate of Change exceeded		

Commands

	Operator Command to Reset Minimum and Maximum capture values.
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Alarms

Device Fail Alarm

This alarm triggers when the Scaled Process Value remains above the Out of Range High threshold or below the Out of Range Low threshold for a specified period of time. The Alarm also triggers when the input PV signal quality is bad.

Threshold Alarms (High-High, High, Low, and Low-Low)

These alarms trigger when the Scaled Process Value has remained above (for High and High-High) or below (for Low and Low-Low) the specified threshold for a specified period of time

Deviation Alarms (High Deviation and Low Deviation)

These alarms trigger when the difference between the Scaled Process Value and the Target Value is remains greater than the High Deviation threshold or less than the Low Deviation threshold for a specified period of time.

Rate of Change Alarm

The Rate of Change Alarm Triggers when the calculated rate of change remains greater than the specified threshold for the specified period of time.

Alarm Icons



Urgent



High



Medium



Low



Out of Alarm Ack Required

Alarm Commands



Acknowledge Alarm. This command acknowledges an alarm that has been configured with “Ack Required”.



Acknowledge and Reset all alarms for an object. This acknowledges all active alarms and resets all alarms that have been configured with “Reset Required”.

Alarm States



Alarm Suppressed (disabled by controller)



Alarm Disabled (by user)



Alarm Shelved (logged but not annunciated)