

# Cause/Reason of Process Alarms Occurrence

## Process alarms - cause/reason of occurrence

Alarm label in the system	Meaning
PA_NoAlarm	No active process alarm.
PA_ToOn	Process alarm occurred - change into the level ON (TRUE).
PA_ToOff	Process alarm occurred - change into the level OFF (FALSE).
PA_On	Process alarm occurred - the level ON (TRUE).
PA_Off	Process alarm occurred - the level OFF (FALSE).
PA_Err	Invalid value.
PA_Oscillate	Oscillating value.
PA_HL	Process alarm occurred - limit state of HL value.
PA_VHL	Process alarm occurred - limit state of VHL value.
PA_LL	Process alarm occurred - limit state of LL value.
PA_VLL	Process alarm occurred - limit state of VLL value.
PA_ToHL	Process alarm occurred - value change to the limit state HL.
PA_ToVHL	Process alarm occurred - value change to the limit state VHL.
PA_ToLL	Process alarm occurred - value change to the limit state LL.
PA_ToVLL	Process alarm occurred - value change to the limit state VLL.
PA_SwToTrans	Process alarm occurred - quadrat value change to the value Q_Trans.
PA_SwToOff	Process alarm occurred - quadrat value change to the value Q_Off (FALSE).
PA_SwToOn	Process alarm occurred - quadrat value change to the value Q_On (TRUE).
PA_SwToError	Process alarm occurred - quadrat value change to the value Q_Err.
PA_SwTrans	Process alarm occurred - quadrat value is Q_Trans.
PA_SwOff	Process alarm occurred - quadrat value is Q_Off.
PA_SwOn	Process alarm occurred - quadrat value is Q_On.
PA_SwErr	Process alarm occurred - quadrat value is Q_Err.
PA_ErrWriteCmd	Error during value setting of input I/O tags.
PA_Change	Process alarm occurred - change of integer or analog value.

## Process alarms - Switch

Alarm label in the system	Meaning
PA_ErrCmdOn	Error during execution of the command cm_SetSwitchOn (On).
PA_ErrCmdOff	Error during execution of the command cm_SetSwitchOff (Off).
PA_ErrZalCmdOff	Error during execution of the command cm_SetSwitchBkpOff (Backup Off)