

Alarm (fault indication module)

WAGO-I/O-PRO 32 Library Elements			
Category:	Building automation		
Name:	Fb_Alarm		
Type:	Function <input type="checkbox"/>	Function block <input checked="" type="checkbox"/>	Program <input type="checkbox"/>
Library name:	Alarm.lib		
Applicable to:	All programmable fieldbus controllers		
Input parameter:			
	Data type:	Comment:	
xAlarm	BOOL	TRUE at this input indicates an active alarm	
xQuit	BOOL	Handshake signal for the alarm	
xBlinkoption	BOOL	Selection of the flash option Default setting = FALSE	
Feedback value:			
	Data type:	Comment:	
xAlarmsignal1	BOOL	Acoustic alarm signal preferred	
xAlarmsignal2	BOOL	Visual alarm signal preferred	
Graphical display:			
Time referenced behavior:			

Function description:

If the signal at the **"xAlarm"** input changes to 1, both outputs **"xAlarmsignal1"** and **"xAlarmsignal2"** will be activated. Once the alarm is acknowledged by a flank at input **"xQuit"**, output **"xAlarmsignal1"** is reset. Should another alarm be pending, output **"xAlarmsignal2"** can adopt two different states: switched on or flashing (1 Hz). Depending on the selected option **"xBlinkoption"**, the flashing status of an alarm is:

- pending and acknowledged
- pending and not acknowledged