VAR_INPUT	ativacao	Bit
VAR_INPUT	valor_alarm_tanque	Word[Signed]
VAR_INPUT	medicao_alarm_tanque	Word[Signed]
VAR_INPUT	valor_alarm_mangueira1	Word[Signed]
VAR_INPUT	medicao_alarm_mangueira1	Word[Signed]
VAR_INPUT	valor_alarm_mangueira2	Word[Signed]
VAR_INPUT	medicao_alarm_mangueira2	Word[Signed]
VAR_INPUT	valor_alarm_aplicador1	Word[Signed]
VAR_INPUT	medicao_alarm_aplicador1	Word[Signed]
VAR_INPUT	valor_alarm_aplicador2	Word[Signed]
VAR_INPUT	medicao_alarm_aplicador2	Word[Signed]
VAR	alarm_value	Word[Signed]
VAR	valor1	Word[Signed]
VAR	valor2	Word[Signed]
VAR	valor3	Word[Signed]
VAR	valor4	Word[Signed]
VAR	valor5	Word[Signed]
VAR	novo_valor_tanque	Word[Signed]
VAR	val_med_tanque	Word[Signed]
VAR	novo_valor_mang1	Word[Signed]
VAR	val_med_mang1	Word[Signed]
VAR	novo_valor_mang2	Word[Signed]
VAR	val_med_mang2	Word[Signed]
VAR	novo_valor_ap1	Word[Signed]
VAR	val_med_ap1	Word[Signed]
VAR	novo_valor_ap2	Word[Signed]
VAR	val_med_ap2	Word[Signed]
VAR	val_med	Word[Signed]
VAR	val_aux	Word[Signed]
VAR	tanque1	Bit

VAR	mang1	Bit
VAR	mang2	Bit
VAR	aplic1	Bit
VAR	aplic2	Bit
VAR	TON_1	TON
VAR	TON_2	TON
VAR	tempo_atual1	Time
VAR	tempo_atual2	Time
VAR	flag_reset	Bit