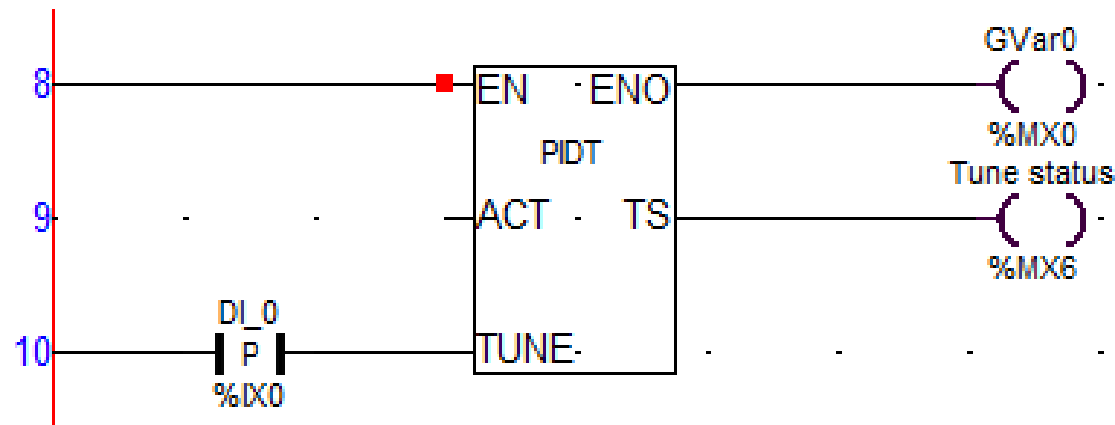## PIDT :

1. Double click on the block to configure PIDT.

If DI_0 is pressed then PIDT block will start Auto tunning. In the auto tunning mode Tune Status (TS) will be high till PIDT block will not complete its tunning function.

2. Assign the below variables.

Assign Variables

INPUT PIN	
SENSOR ERROR	NONE
PROCESS VALUE	NONE
SET POINT	NONE
PB(0.1C)	NONE
INTEGRAL(SEC)	NONE
DERIVATIVE(SEC)	NONE
CYCLE TIME(0.1S)	NONE
DAC(0.5-5.0)	NONE
ARW(2.0-100.0%)	NONE
OUTPUT PIN	
OUTPUT(0.1%)	NONE

SENSOR ERROR
NONE

OK   Cancel

3. After assigning the variables

Assign Variables	
INPUT PIN	
SENSOR ERROR	GVar20
PROCESS VALUE	GVar21
SET POINT	GVar22
PB(0.1C)	GVar23
INTEGRAL(SEC)	GVar24
DERIVATIVE(SEC)	GVar25
CYCLE TIME(0.1S)	GVar26
DAC(0.5-5.0)	GVar27
ARW(2.0-100.0%)	GVar28
OUTPUT PIN	
OUTPUT(0.1%)	GVar29

OUTPUT(0.1%)
NONE

OK | Cancel

Note : from PB keep retention to all variable Yes.

EXIT