TCPS_1 / PLC_1 [CPU 1214C DC/DC/DC] / Program blocks

Control Valve PID BLOCK [OB30]

Control Valve PID BLOCK Properties							
General							
Name	Control Valve PID BLOCK	**Number**	30	**Type**	OB	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**	Margaret Kagwiria	**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Control Valve PID BLOCK			
Name	**Data type**	**Default value**	**Comment**
▼ Input			
Initial_Call	Bool		Initial call of this OB
Event_Count	Int		Events discarded
Temp			
Constant			

Network 1:

%DB1
"TemperatureCon
trolDB"

PID_Compact

EN	ENO
	ScaledInput — 0.0

%DB2.DBD0
"ProcessData".
SetPoint — Setpoint

%DB2.DBD4
"ProcessData".
ProcessTemp — Input

%IW96
"RTDInput" — Input_PER

0.0 — Disturbance

false — ManualEnable

0.0 — ManualValue

false — ErrorAck

false — Reset

false — ModeActivate

3 — Mode

Output — **%MD108**
"PID Out"

Output_PER — **%QW96**
"CVOutput"

Output_PWM — false

SetpointLimit_
H — false

SetpointLimit_L — false

InputWarning_H — false

InputWarning_L — false

State — 0

Error — false

ErrorBits — 16#0