Program blocks / 02_Controller

ControllerClass [FC2]

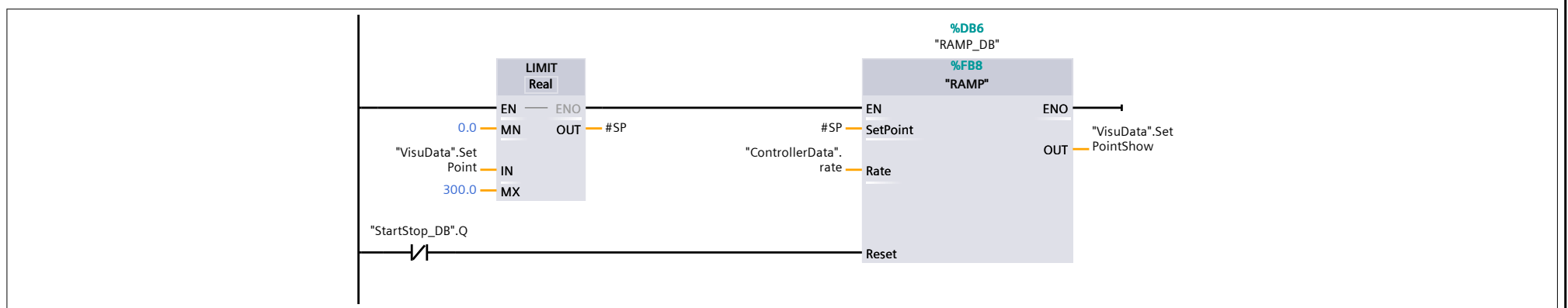| ControllerClass Properties								
General								
Name	ControllerClass	Number	2	Type	FC	Language	LAD
Numbering	Automatic							
Information								
Title	ControllerClass	Author		Comment		Family	
Version	0.1	User-defined ID					

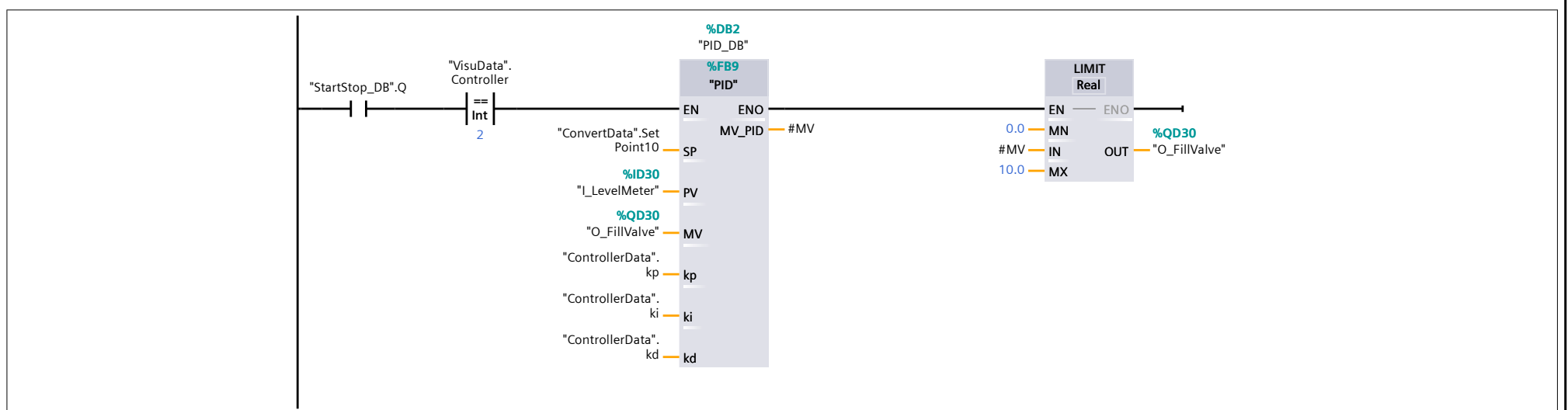| Name	Data type	Default value
Input		
Output		
InOut		
▼ Temp		
MV	Real	
SP	Real	
Constant		
▼ Return		
ControllerClass	Void	

Network 1: Call: Ramp

Network 2: Call: On-Off
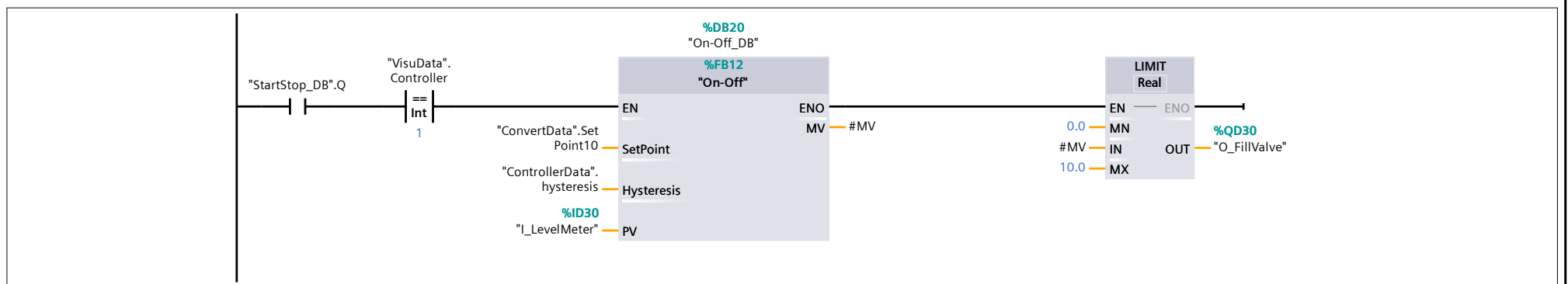
Network 3: Call: PID

Network 4: Request: PID_C

"StartStop_DB".Q   "VisuData".
Controller
==
Int
3

"ControllerData".
PID_Compact
( )

Network 5: Call: Takagi-SugenoFuzzy-PI

"StartStop_DB".Q   "VisuData".
Controller
==
Int
4

%DB7
"RegSugeno_DB"
%FB7
"Takagi-SugenoFuzzy-PI"
EN   ENO
%ID30
"I_LevelMeter" — PV   MV — #MV
"ConvertData".Set
Point10 — SP

LIMIT
Real
EN   ENO
0.0 — MN
#MV — IN   OUT — %QD30
"O_FillValve"
10.0 — MX
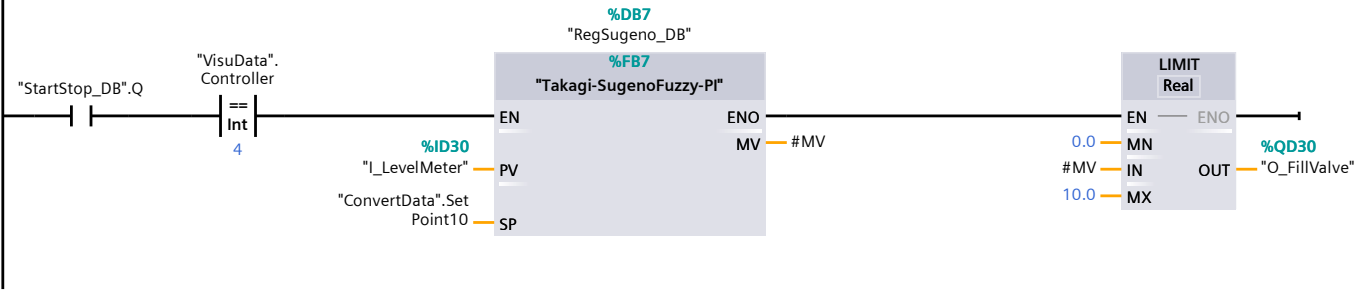
Network 6: Call: TrainingFunction && Request: IMC+PID

"StartStop_DB".Q   "VisuData".
Controller
==
Int
5

"ControllerData".
"IMC+PID"
( )

%FC7
"TrainingFunction"
EN   ENO
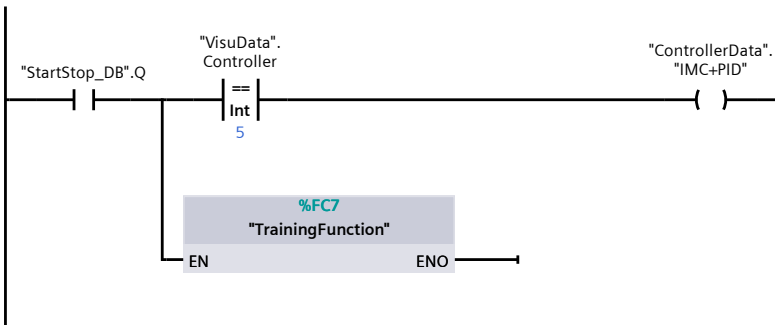
Network 7: Move: O_FillValve

"StartStop_DB".Q
—|/|—

"VisuData".
Controller
==
Int
0

MOVE
EN   ENO
0.0 — IN
OUT1 — %QD30
"O_FillValve"