Tank Project Factory IO / PLC_1 [CPU 1211C DC/DC/DC] / Program blocks

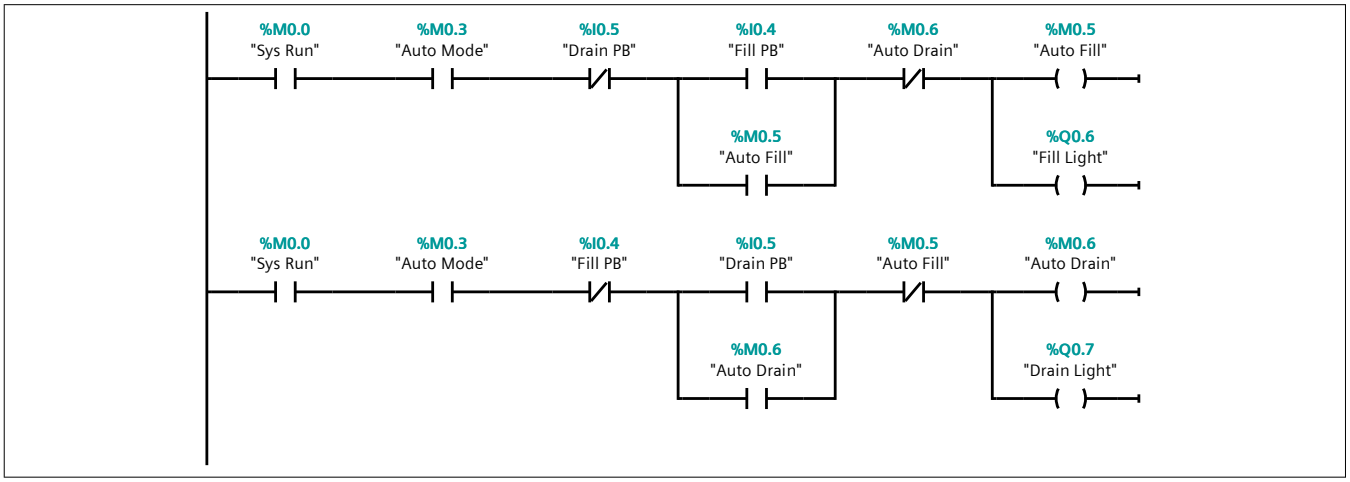
Auto Fill & Drain [OB125]

Auto Fill & Drain Properties					
General					
Name	Auto Fill & Drain	**Number**	125	**Type**	OB
Language	LAD	**Numbering**	Automatic		
Information					
Title	"Main Program Sweep (Cycle)"	**Author**		**Comment**	
Family		**Version**	0.1	**User-defined ID**	

Auto Fill & Drain			
Name	**Data type**	**Default value**	**Comment**
▼ Input			
Initial_Call	Bool		Initial call of this OB
Remanence	Bool		=True, if remanent data are available
Temp			
Constant			

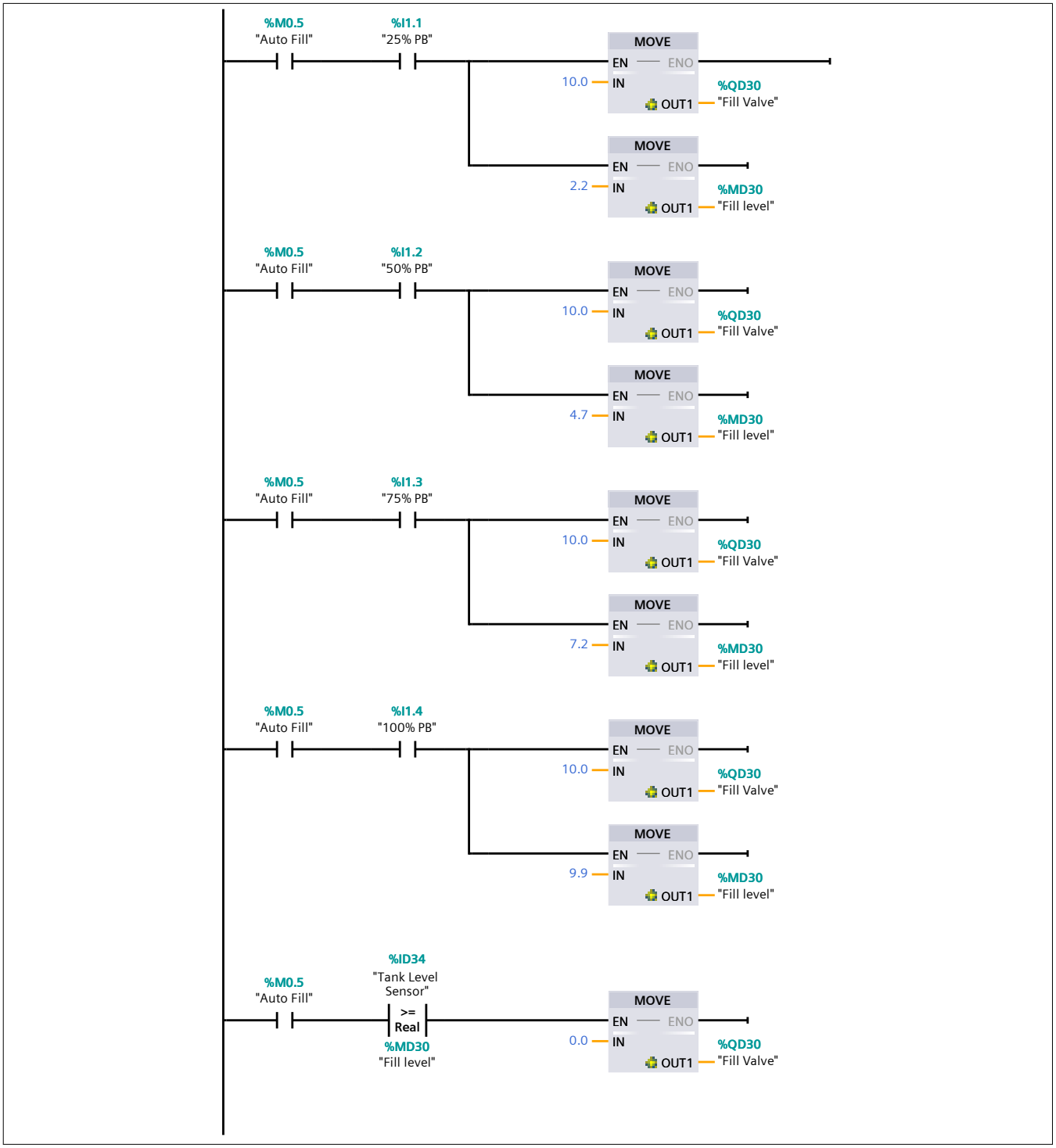
Network 1:

Auto Fill and Drain



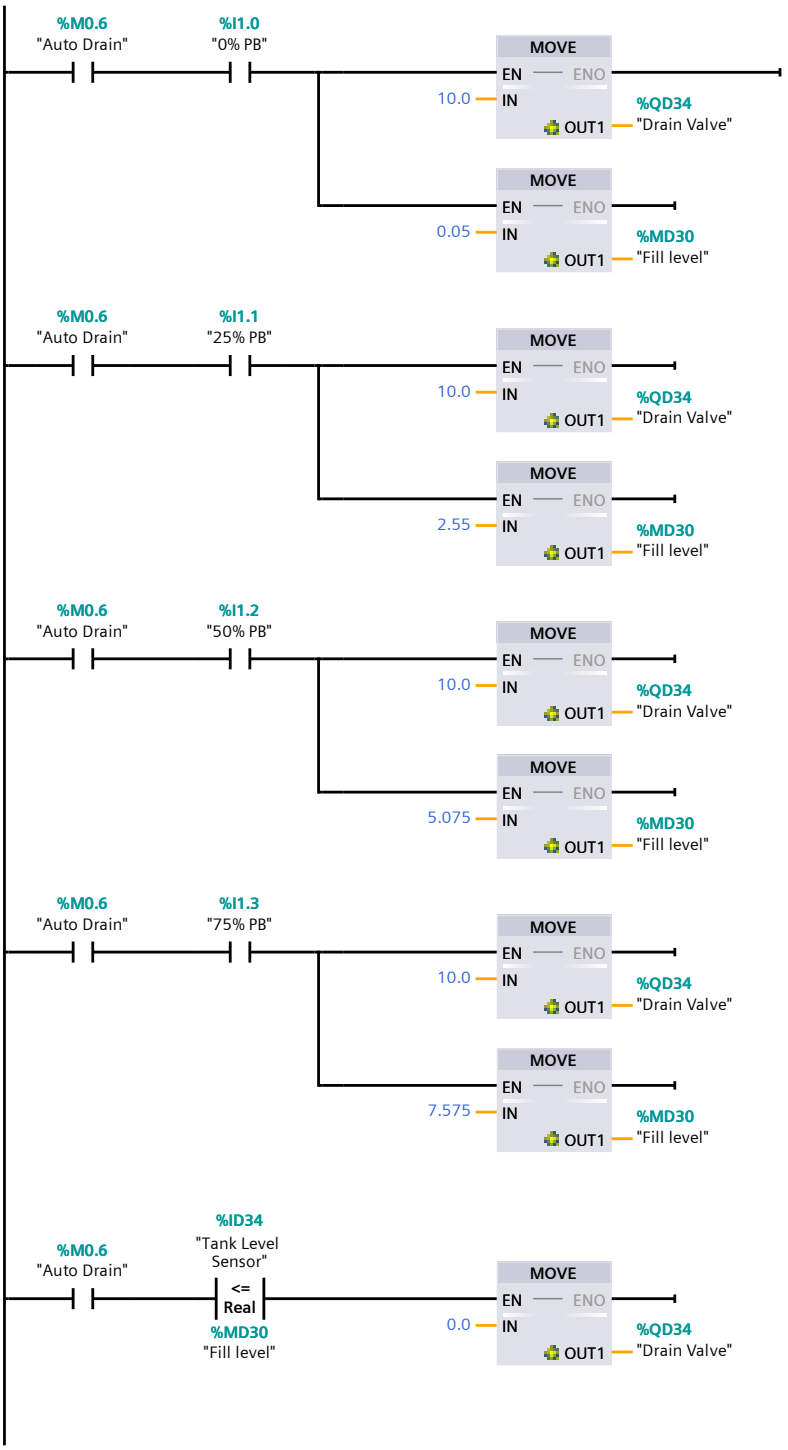
Network 2:

Auto Fill



Network 3:

Auto Drain


%M0.6
"Auto Drain"
%I1.0
"0% PB"
MOVE
EN
ENO
10.0
IN
OUT1
%QD34
"Drain Valve"
MOVE
EN
ENO
0.05
IN
OUT1
%MD30
"Fill level"
%M0.6
"Auto Drain"
%I1.1
"25% PB"
MOVE
EN
ENO
10.0
IN
OUT1
%QD34
"Drain Valve"
MOVE
EN
ENO
2.55
IN
OUT1
%MD30
"Fill level"
%M0.6
"Auto Drain"
%I1.2
"50% PB"
MOVE
EN
ENO
10.0
IN
OUT1
%QD34
"Drain Valve"
MOVE
EN
ENO
5.075
IN
OUT1
%MD30
"Fill level"
%M0.6
"Auto Drain"
%I1.3
"75% PB"
MOVE
EN
ENO
10.0
IN
OUT1
%QD34
"Drain Valve"
MOVE
EN
ENO
7.575
IN
OUT1
%MD30
"Fill level"
%ID34
"Tank Level
Sensor"
%M0.6
"Auto Drain"
<=
Real
%MD30
"Fill level"
MOVE
EN
ENO
0.0
IN
OUT1
%QD34
"Drain Valve"