

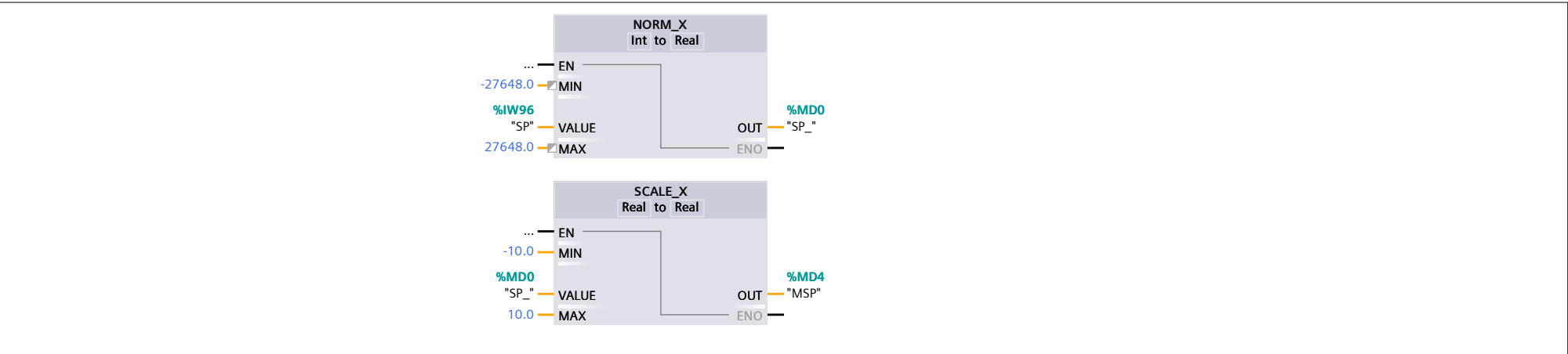
Project3 / PLC_2 [CPU 1214C DC/DC/Rly] / Program blocks

Main [OB1]

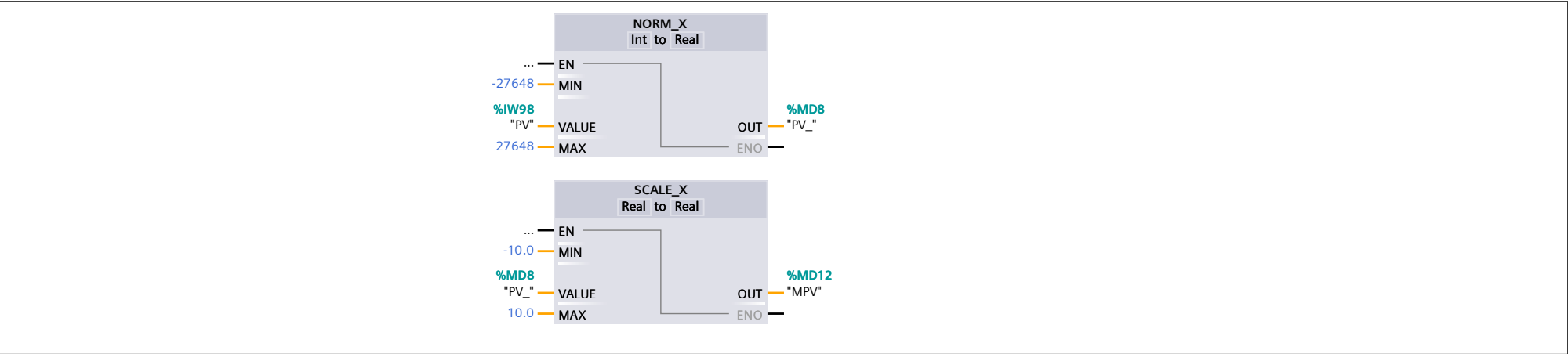
Main Properties							
General							
Name	Main	Number	1	Type	OB	Language	FBD
Numbering	Automatic						
Information							
Title	"Main Program Sweep (Cycle)"	Author		Comment		Family	
Version	0.1	User-defined ID					

Main			
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			

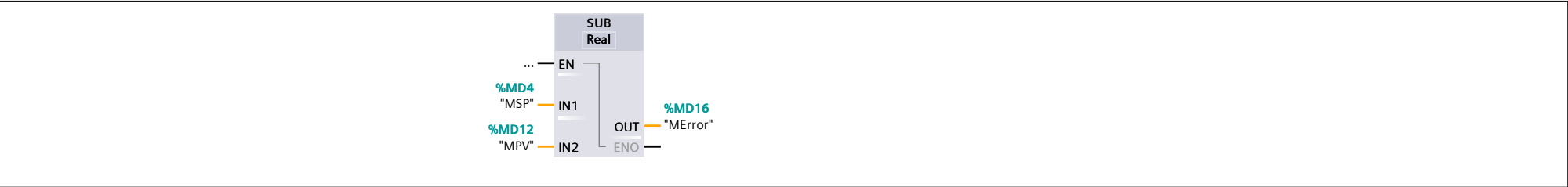
Network 1: SP



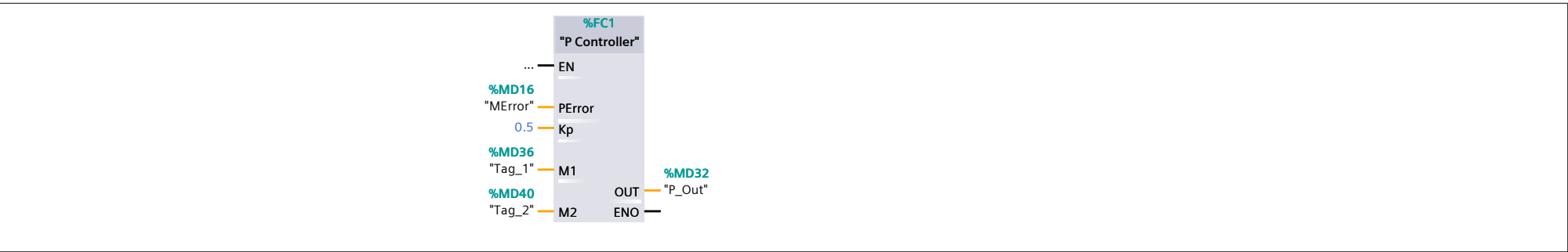
Network 2: PV



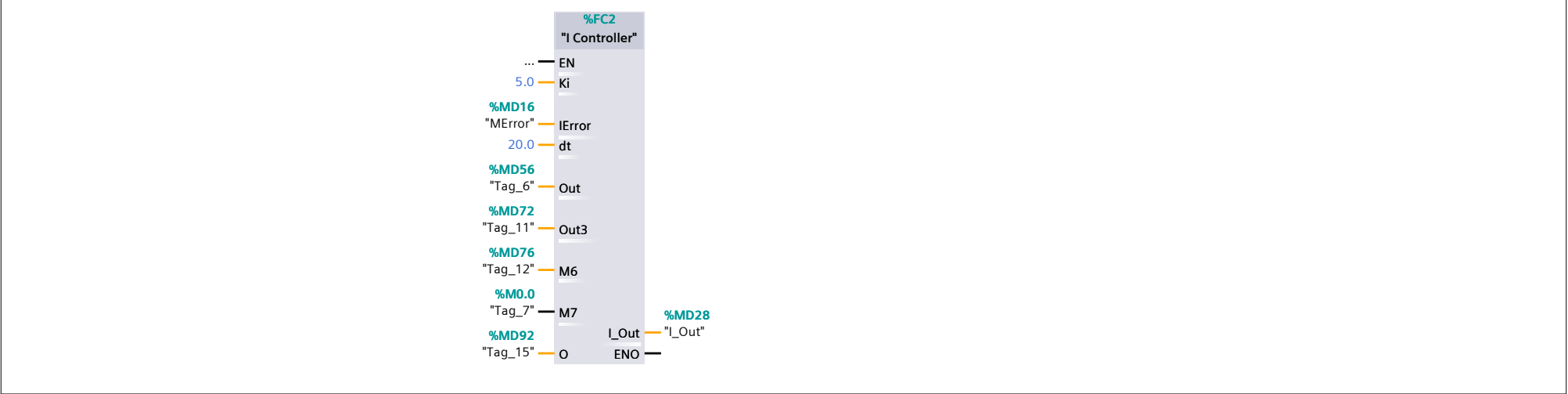
Network 3: Error



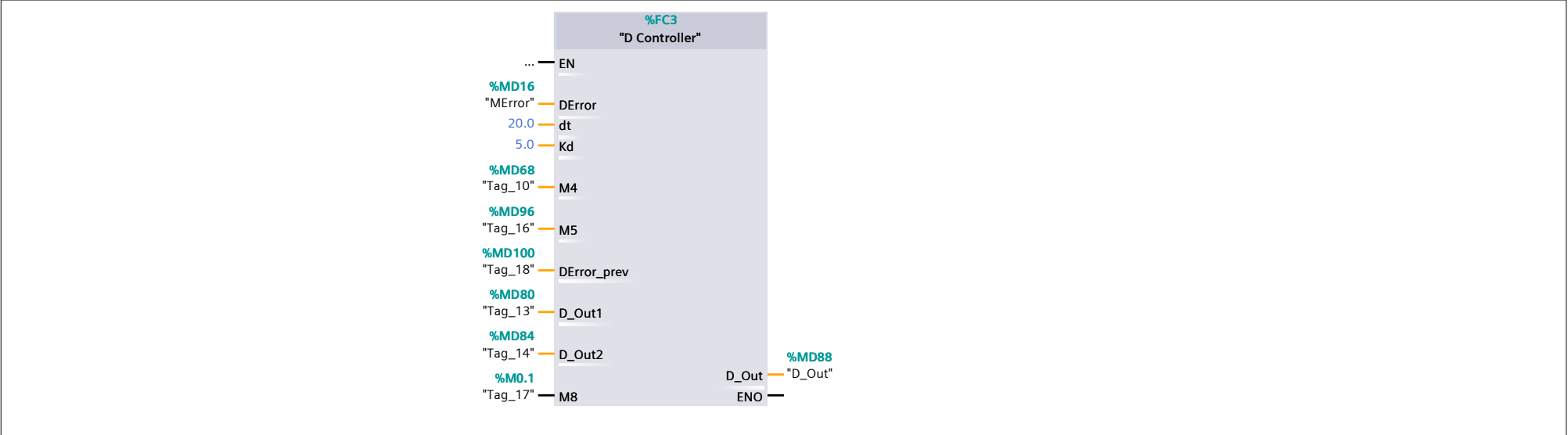
Network 4: P



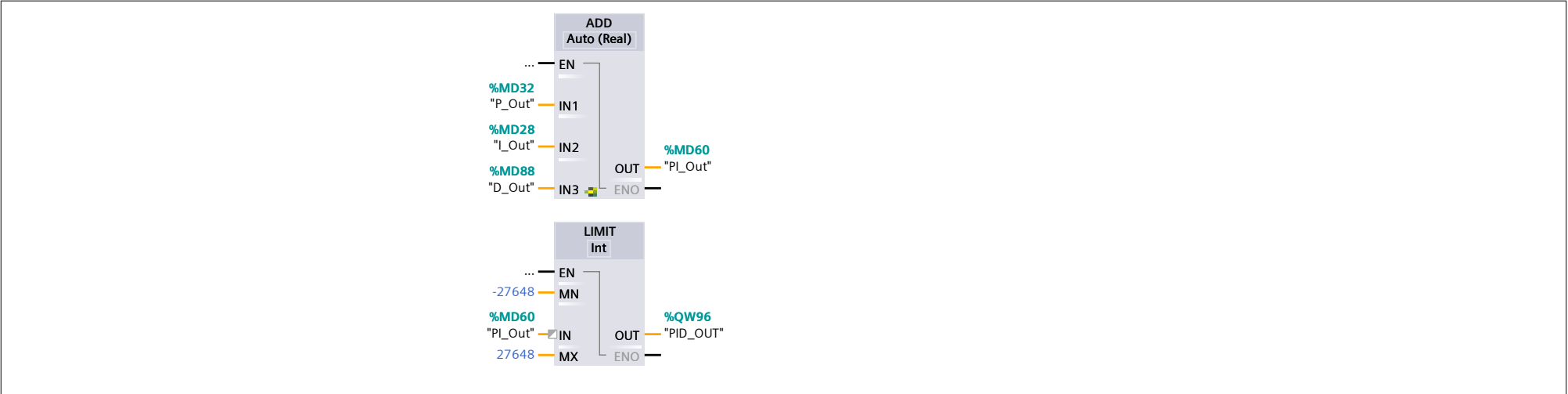
Network 5: I



Network 6: D



Network 7: Controlled



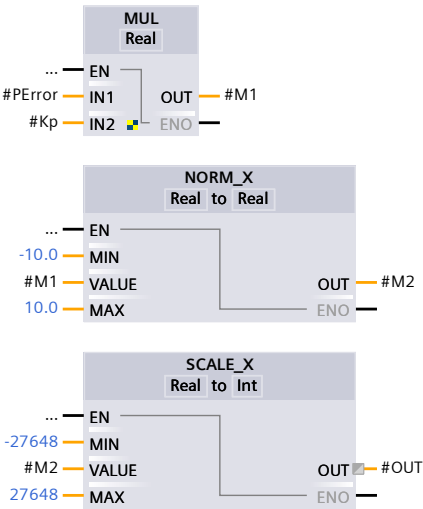
Project3 / PLC_2 [CPU 1214C DC/DC/Rly] / Program blocks

P Controller [FC1]

P Controller Properties							
General							
Name	P Controller	Number	1	Type	FC	Language	FBD
Numbering	Automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

P Controller			
Name	Data type	Default value	Comment
▼ Input			
PError	Real		
Kp	Real		
▼ Output			
OUT	Real		
▼ InOut			
M1	Real		
M2	Real		
Temp			
Constant			
▼ Return			
P Controller	Void		

Network 1:



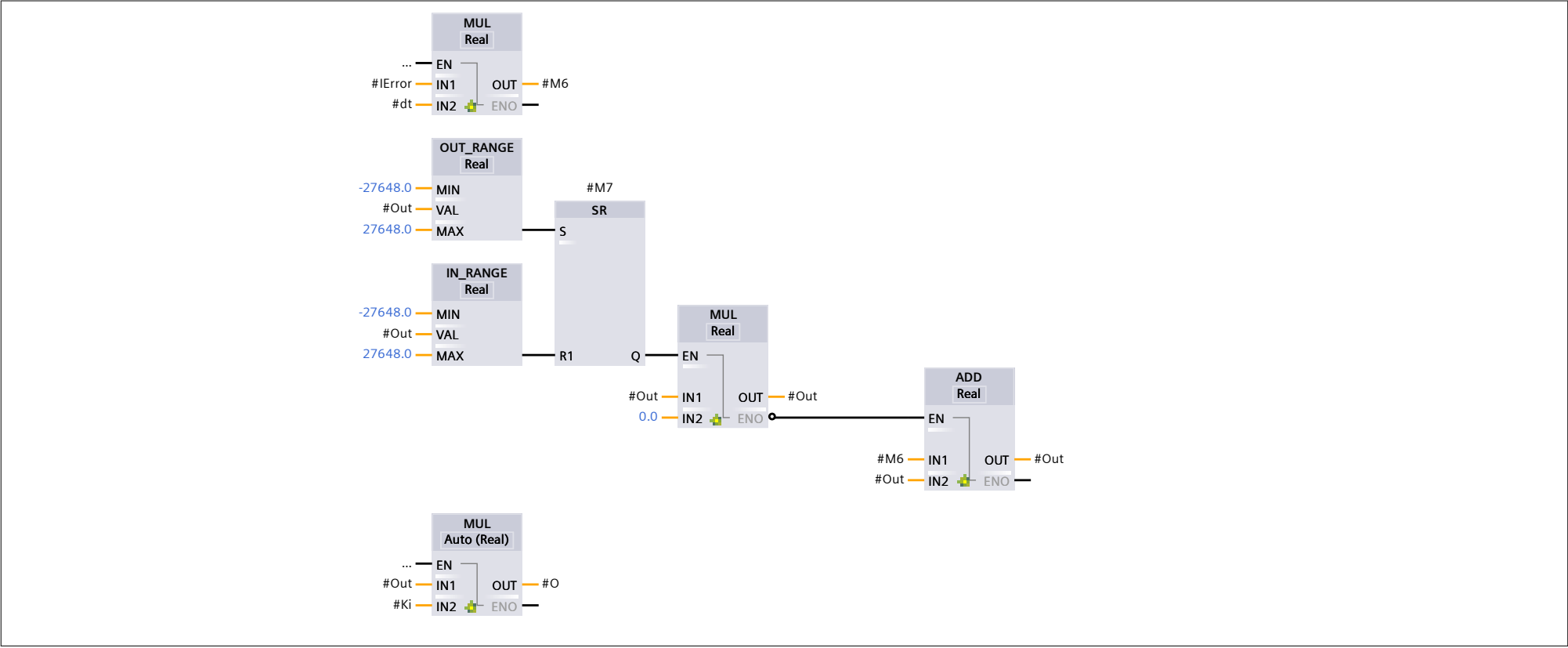
Project3 / PLC_2 [CPU 1214C DC/DC/Rly] / Program blocks

I Controller [FC2]

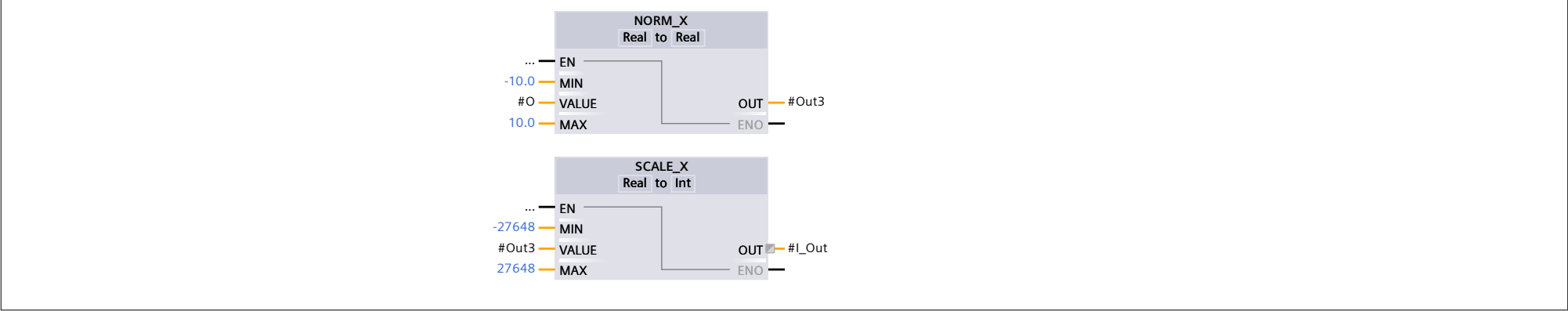
I Controller Properties							
General							
Name	I Controller	Number	2	Type	FC	Language	FBD
Numbering	Automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

I Controller			
Name	Data type	Default value	Comment
▼ Input			
Ki	Real		
IError	Real		
dt	Real		
▼ Output			
I_Out	Real		
▼ InOut			
Out	Real		
Out3	Real		
M6	Real		
M7	Bool		
O	Real		
Temp			
Constant			
▼ Return			
I Controller	Void		

Network 1:



Network 2:



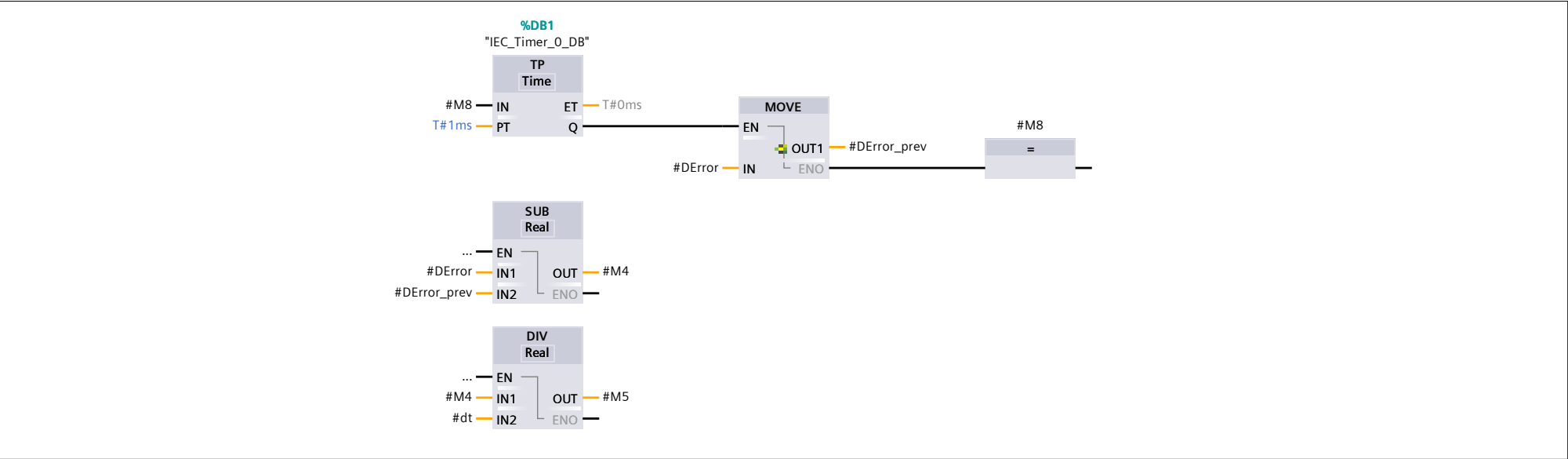
Project3 / PLC_2 [CPU 1214C DC/DC/Rly] / Program blocks

D Controller [FC3]

D Controller Properties							
General							
Name	D Controller	Number	3	Type	FC	Language	FBD
Numbering	Automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

D Controller			
Name	Data type	Default value	Comment
▼ Input			
DError	Real		
dt	Real		
Kd	Real		
▼ Output			
D_Out	Real		
▼ InOut			
M4	Real		
M5	Real		
DError_prev	Real		
D_Out1	Real		
D_Out2	Real		
M8	Bool		
Temp			
Constant			
▼ Return			
D Controller	Void		

Network 1:



Network 2:

