

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						

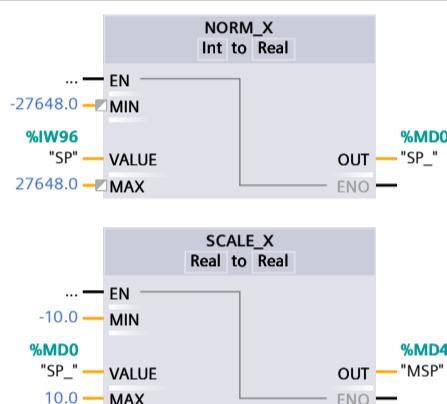
Information

Title	"Main Program Sweep (Cycle)"	Author		Comment		Family	
Version	0.1	User-defined ID					

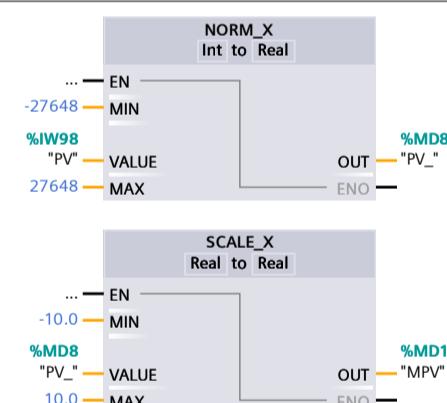
Main

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			

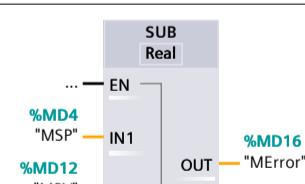
Network 1: SP



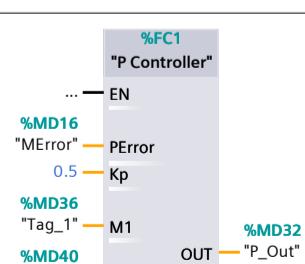
Network 2: PV



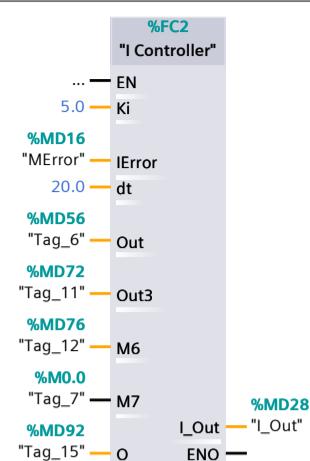
Network 3: Error



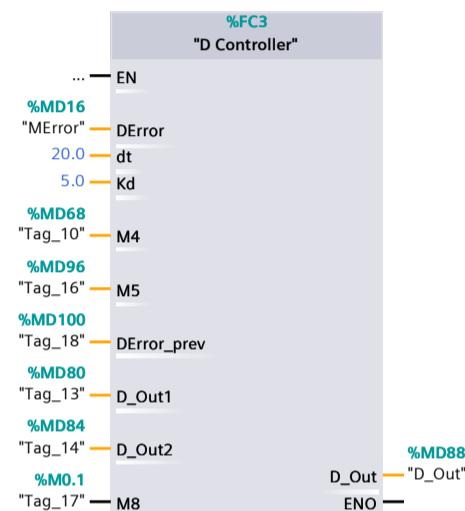
Network 4: P



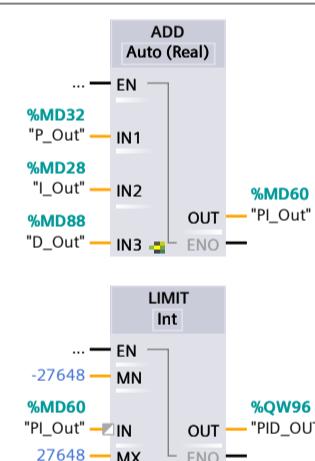
Network 5: I



Network 6: D



Network 7: Controlled



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P Controller [FC1]

P Controller Properties

General

Name	P Controller	Number	1	Type	FC	Language	FBD
Numbering	Automatic						

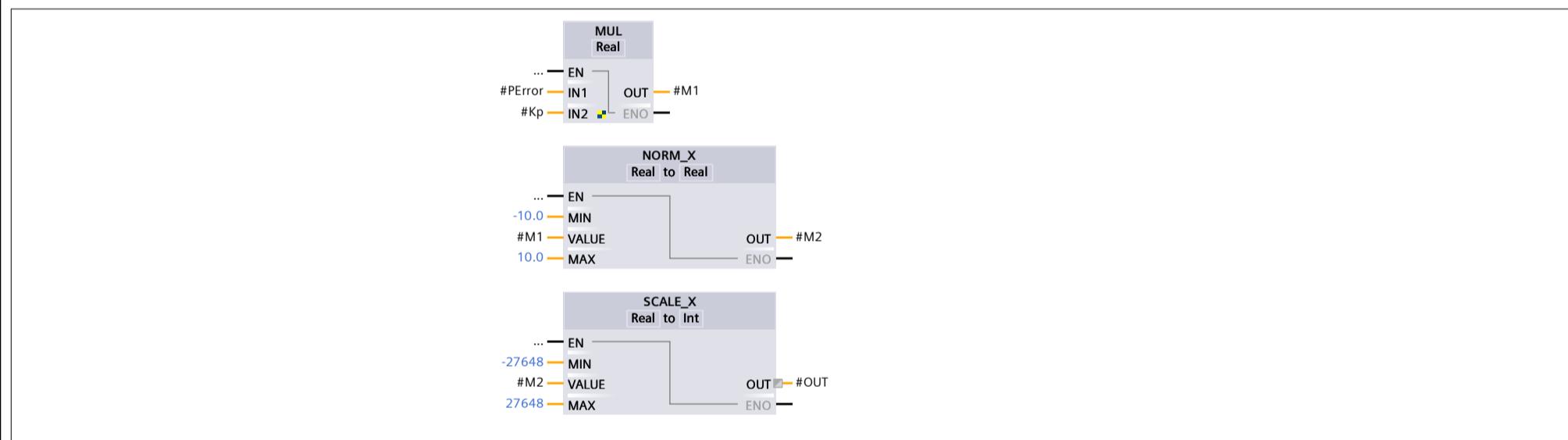
Information

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:

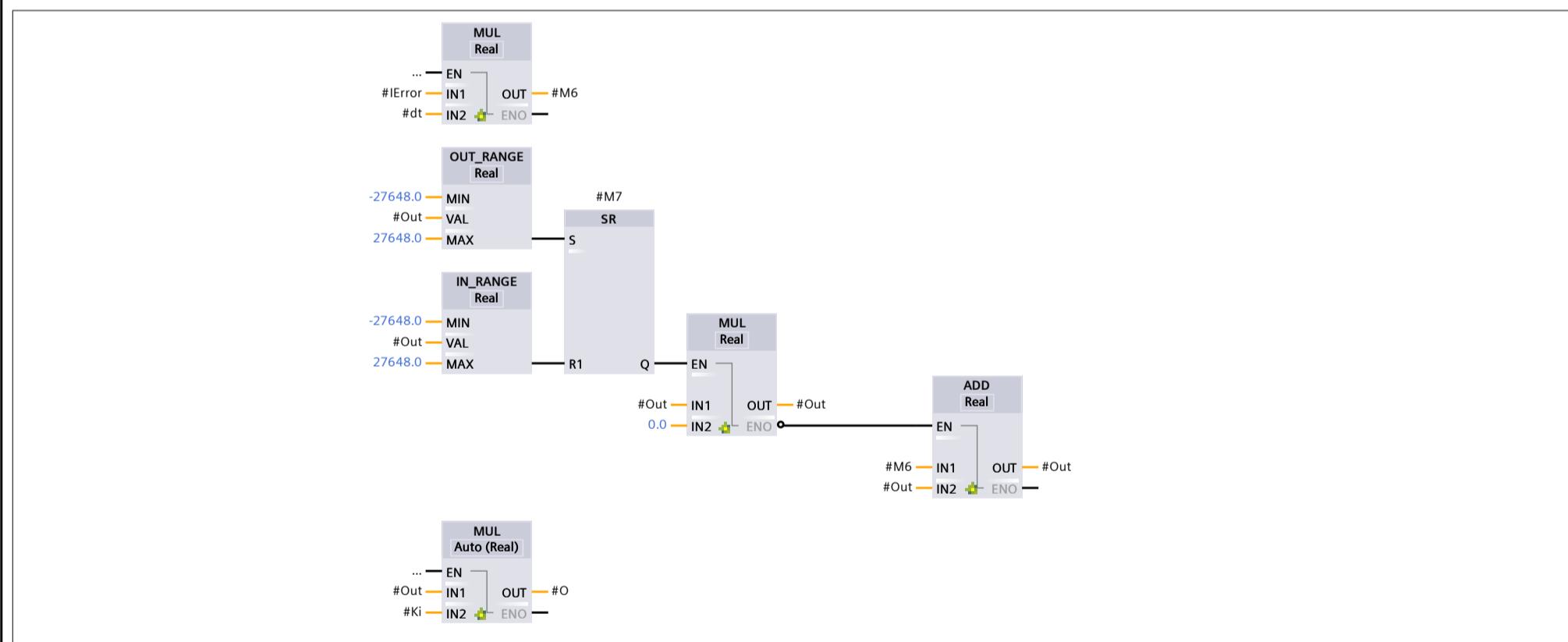


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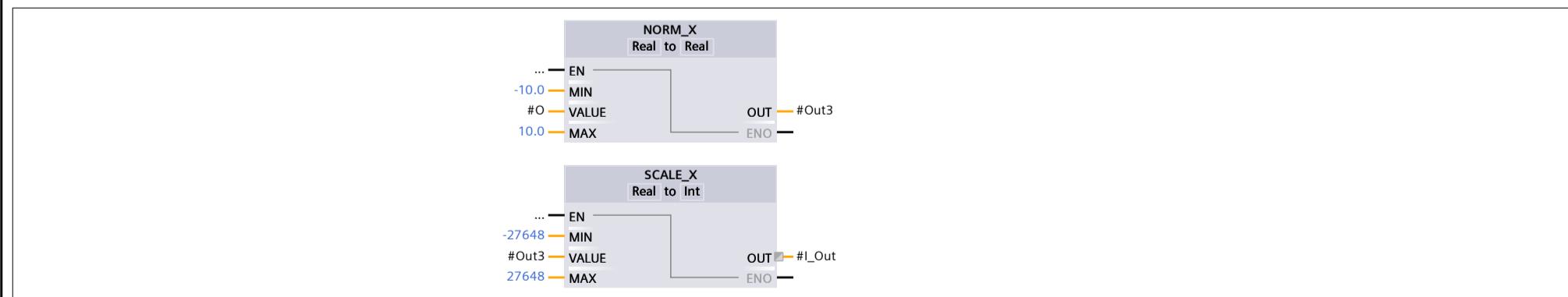
I Controller [FC2]

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:

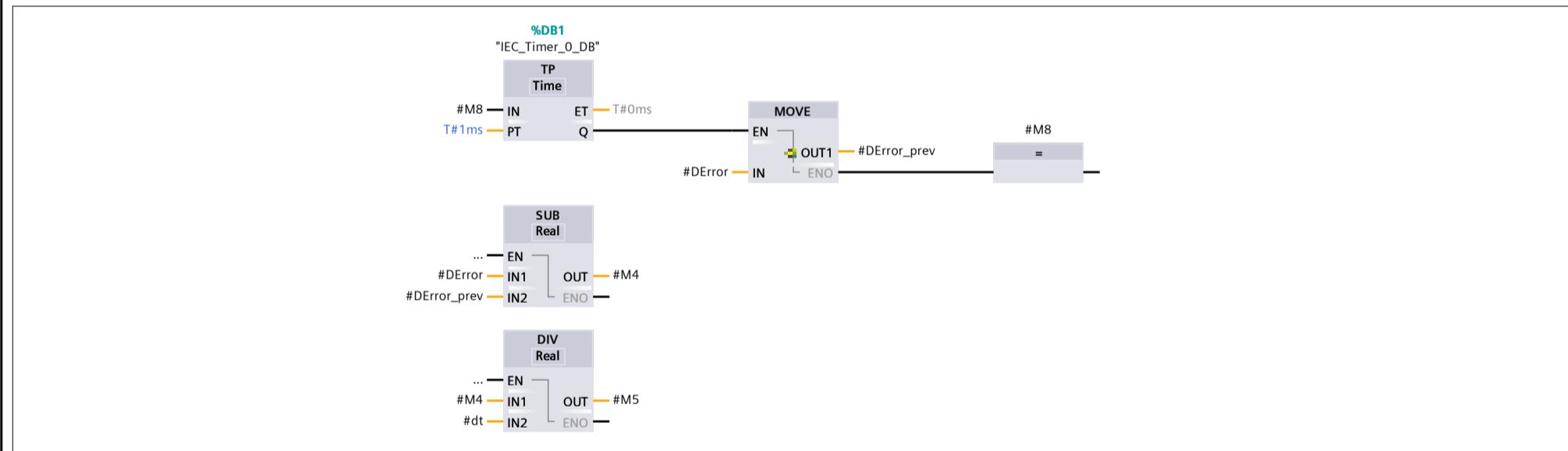


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D Controller [FC3]

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:

