

Project16 / PLC_2 [CPU 1214C DC/DC/DC] / Program blocks

Main [OB1]

Main Properties

General

Name	Main	Number	1	Type	OB	Language	LAD
Numbering	automatic						

Information

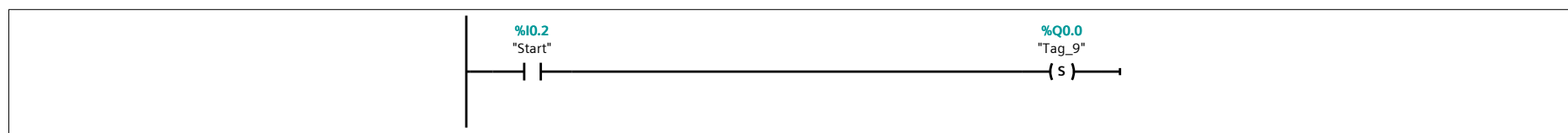
Title	"Main Program Sweep (Cycle)"	Author		Comment		Family	
Version	0.1	User-defined ID					

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:

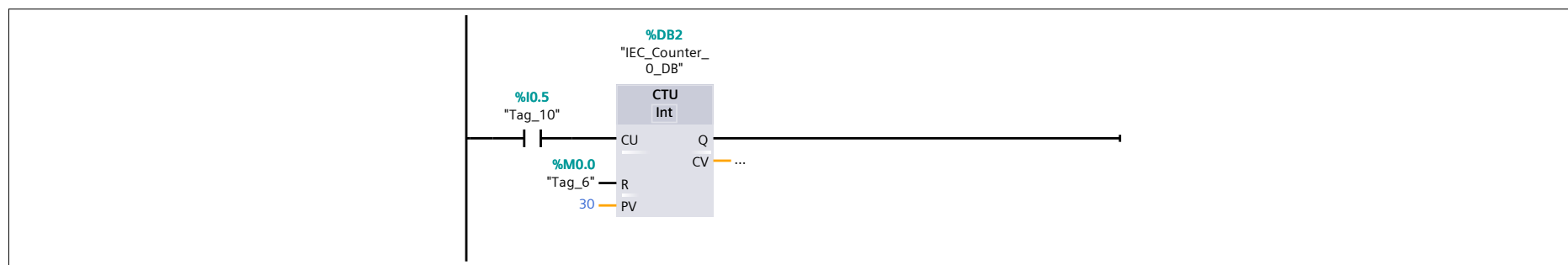
See on starti nupp mis alustab protsessi Q0.0 mis on mootori parem pööre (sammuti q0.1 on vasak pööre mis tuleb hiljem)



Symbol	Address	Type	Comment
"Start"	%I0.2	Bool	
"Tag_9"	%Q0.0	Bool	

Network 2:

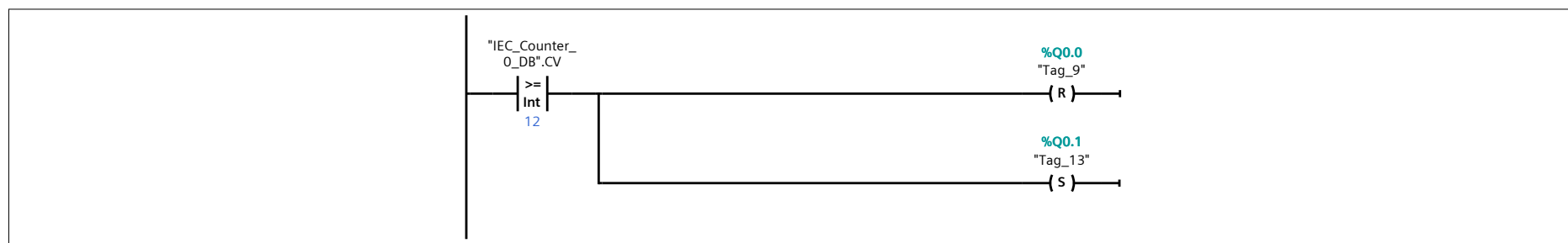
See on counter nagu näha igal ajal funktsioon alustades i0.5 mis on hetkel mitte nupp!!! vaid andur mis loem auke mootori kettal M0.0 on reset ja pv on maksimaalne väärtus mis on antud skeemis 30 see tähendab ta loeb ainult 30 impulsini. Counteri funktsioon on lendada impulse mille järgi saab coporaator täita.



Symbol	Address	Type	Comment
"Tag_6"	%M0.0	Bool	
"Tag_10"	%I0.5	Bool	

Network 3:

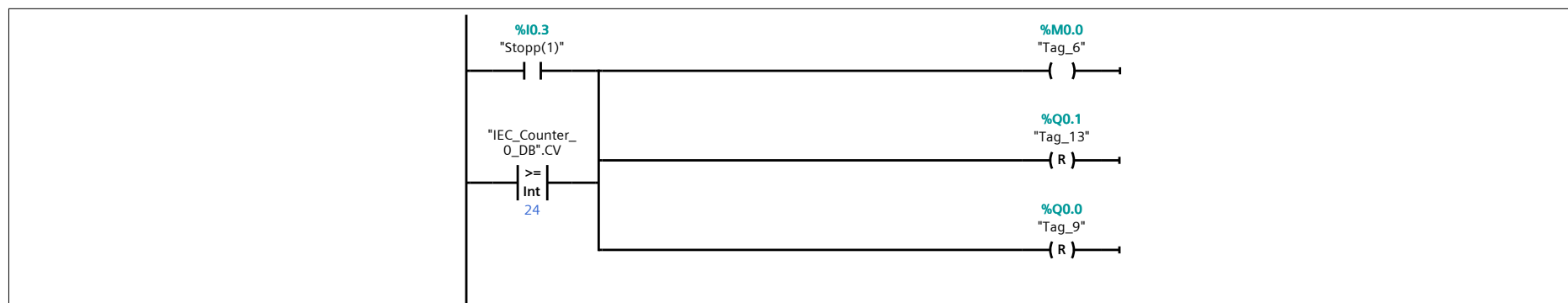
Siin on comporaator mille ülesanne on kui counteri loend ületab 12 impulsit resetida q0.0(parem pööre) ja settida ehk sisse lülitada q0.1(vasak pööre)



Symbol	Address	Type	Comment
"IEC_Counter_0_DB".CV		Int	
"Tag_9"	%Q0.0	Bool	
"Tag_13"	%Q0.1	Bool	

Network 4:

Siin jätkub protseess kuni 24nda impulsini kus ta resetib kõik altes M0.0(counteri) Q0.1 (vasak pööre) Q0.0 (parem pööre) I0.3 on stopp nupp mille funktsioon lõpetada töö igal hetkel. selle funktsioon on sama mis comporaatoril sest see on sellega rööpiti.



Symbol	Address	Type	Comment
"IEC_Counter_0_DB".CV		Int	
"Stopp(1)"	%I0.3	Bool	
"Tag_6"	%M0.0	Bool	
"Tag_9"	%Q0.0	Bool	
"Tag_13"	%Q0.1	Bool	