

Main [OB1]

Main Properties

General

Name	Main	Number	1	Type	OB
Language	LAD	Numbering	Manual		

Information

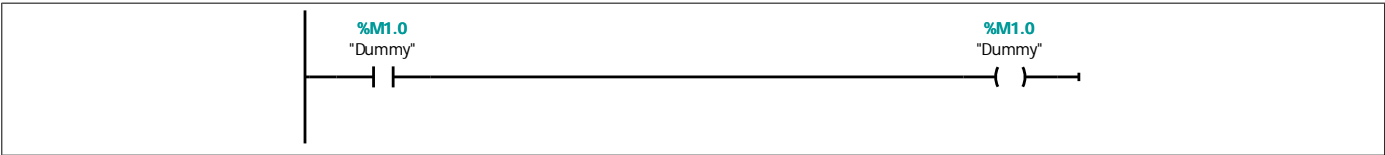
Title	SP9-8	Author		Comment	
Family		Version	0.1	User-defined ID	

Name	Data type	Default value
▼ Temp		
OB1_EV_CLASS	Byte	
OB1_SCAN_1	Byte	
OB1_PRIORITY	Byte	
OB1_OB_NUMBR	Byte	
OB1_RESERVED_1	Byte	
OB1_RESERVED_2	Byte	
OB1_PREV_CYCLE	Int	
OB1_MIN_CYCLE	Int	
OB1_MAX_CYCLE	Int	
OB1_DATE_TIME	Date_And_Time	
Constant		

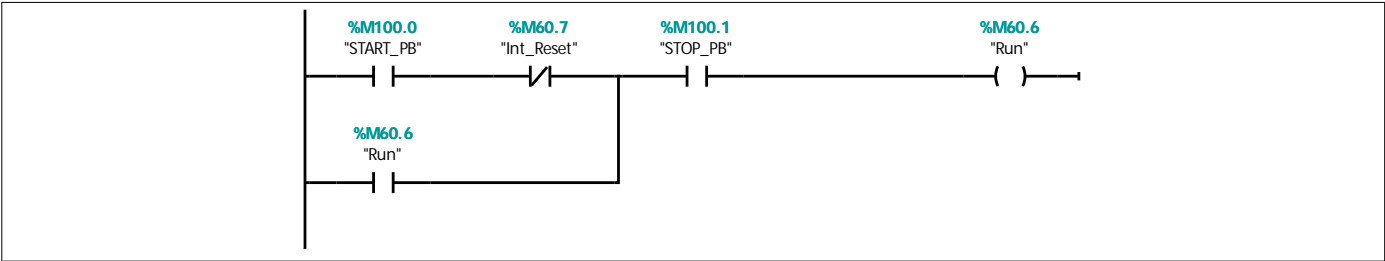
Network 1: SP9-8

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SP9-8 Erbia Blending Station with shift register-based sequence.



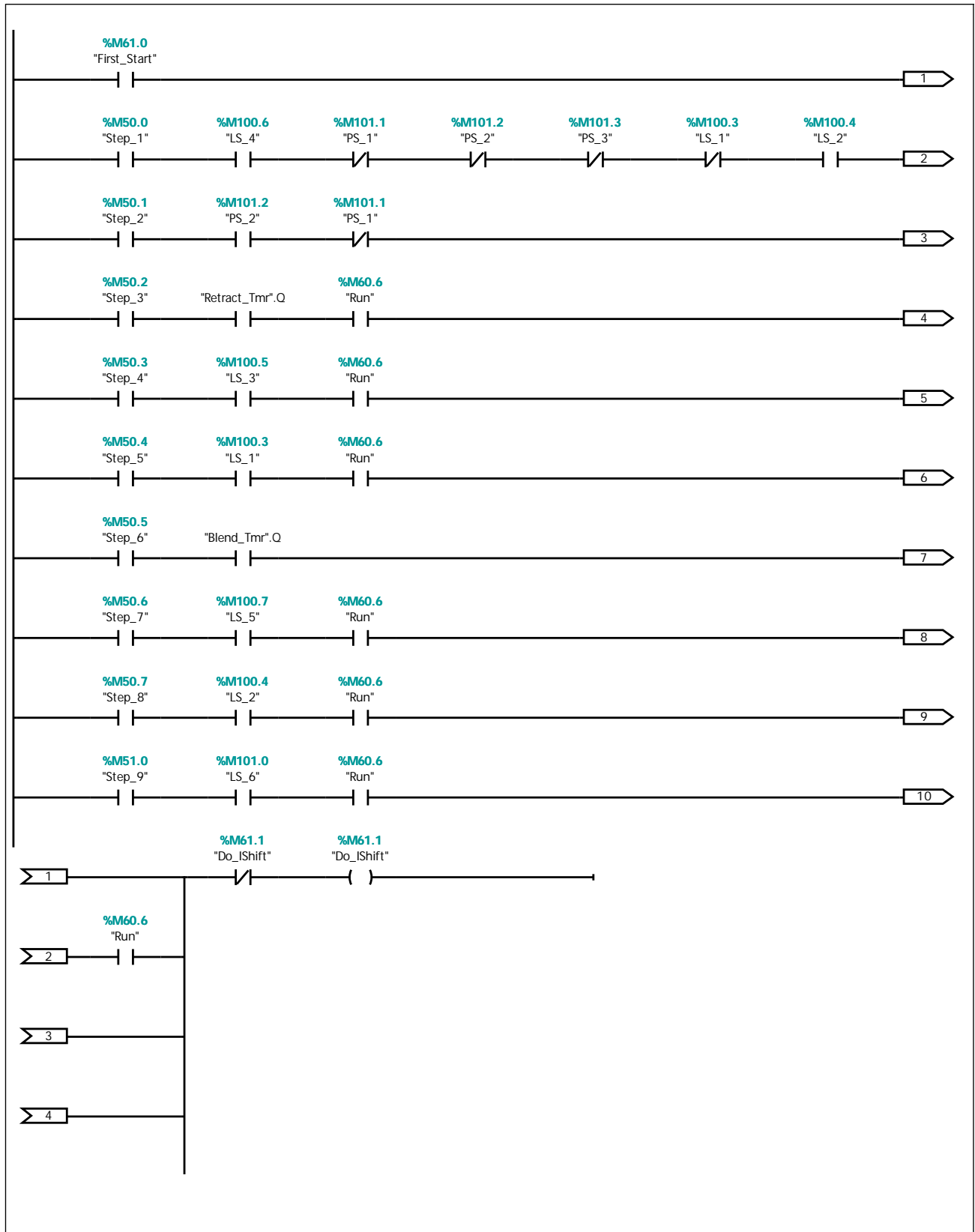
Network 2: Start/stop/pause. Start prevented if reset in progress.



Network 3: First Start - run and no step-in-progress bit set

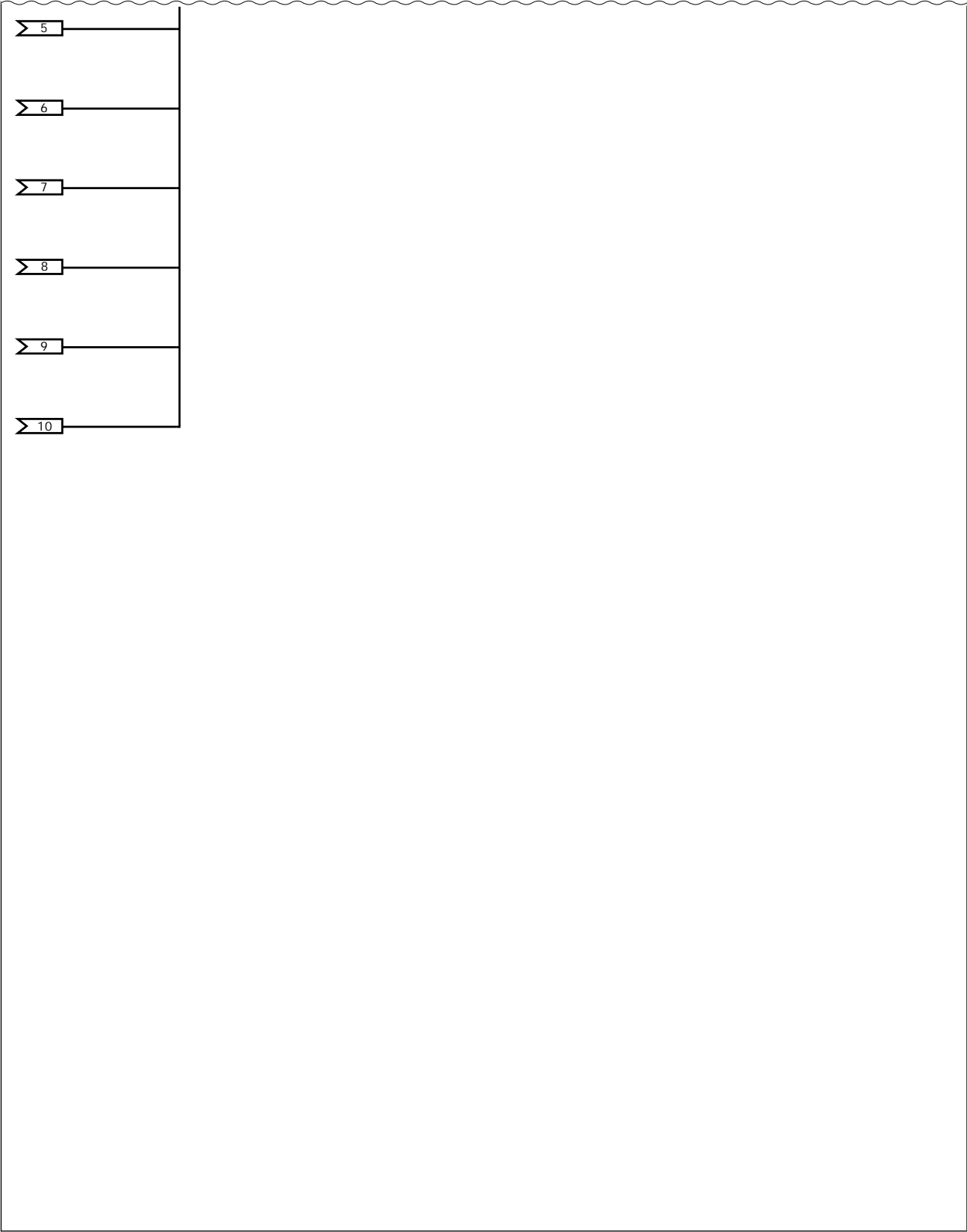
Totally Integrated Automation Portal		
<div><div></div><div><div><div><div>%M60.6 "Run"</div><div> </div><div> </div></div><div><div>%MW50 "Step"</div><div> </div><div>==</div><div> </div><div>Int</div><div> </div><div>0</div></div><div><div>%M61.0 "First_Start"</div><div> </div><div> </div></div></div></div></div>		
<p>Network 4: All transition conditions. Any one causes shift.</p>		

Network 4: All transition conditions. Any one causes shift. (1.1 / 2.1)

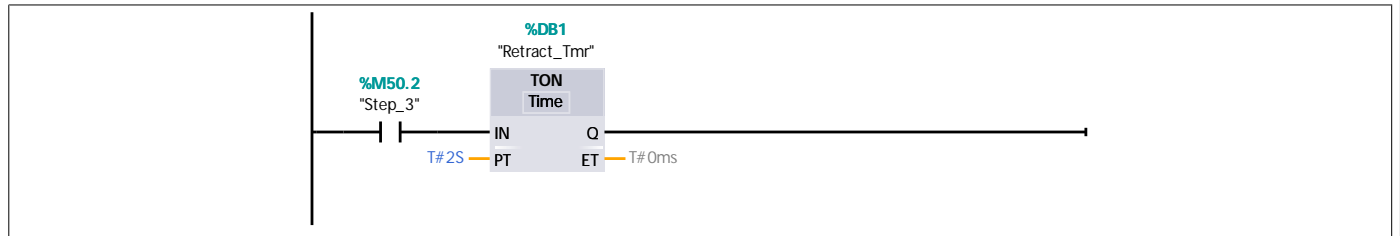


Network 4: All transition conditions. Any one causes shift. (2.1 / 2.1)

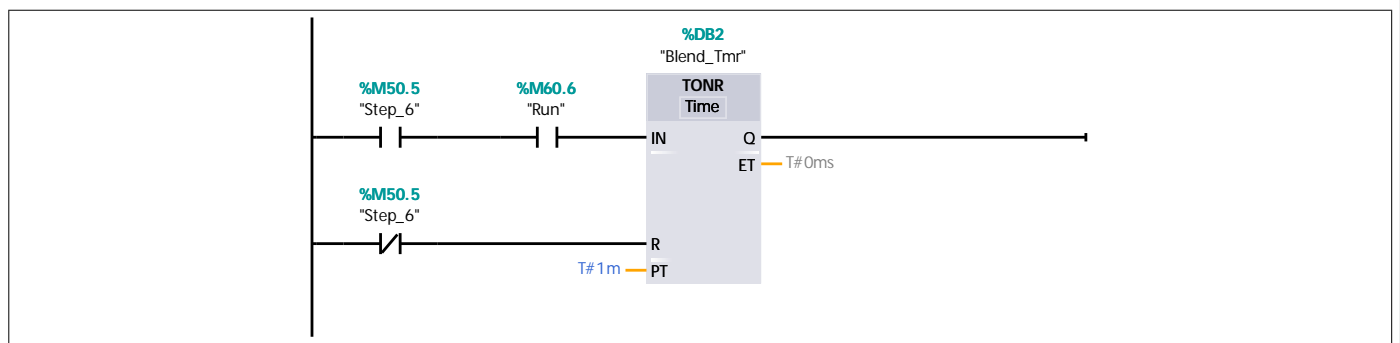
1.1 (Page1 - 3)



Network 5: Timers for transitions



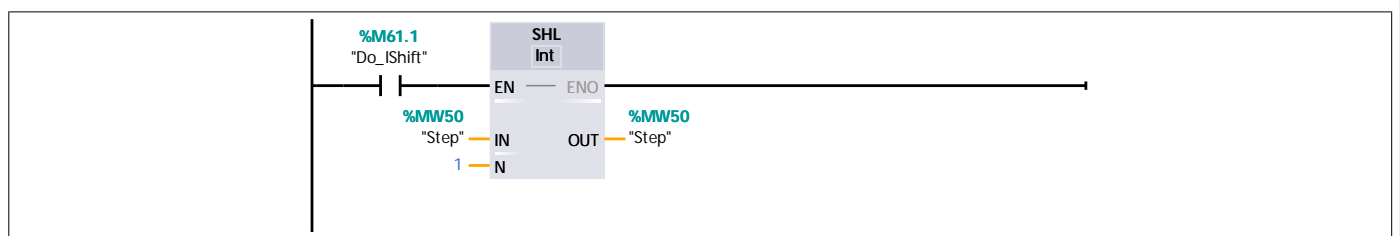
Network 6: Retentive Timer for Blend step



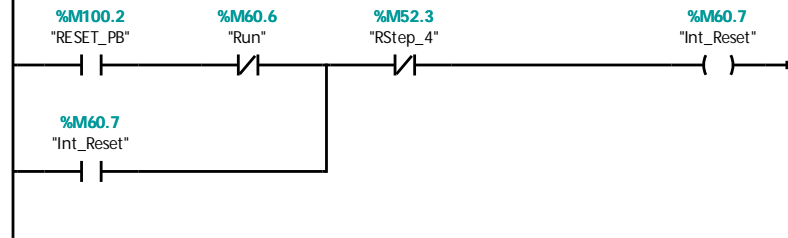
Network 7: Bit shifted into register. First start and last step are only "1" shifted in



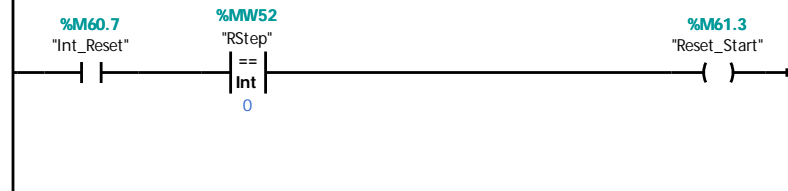
Network 8:



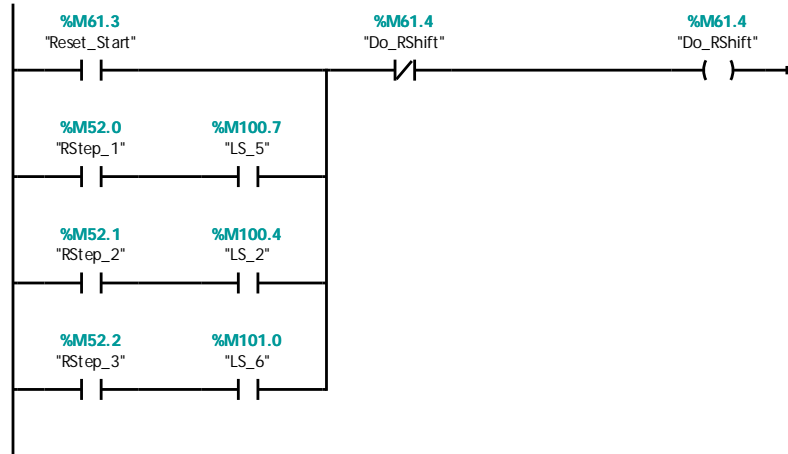
Network 9: Start/stop for reset operation. Reset pb starts, reset step 4 stops it.



Network 10: Reset start - in reset and not step-in-progress bits set



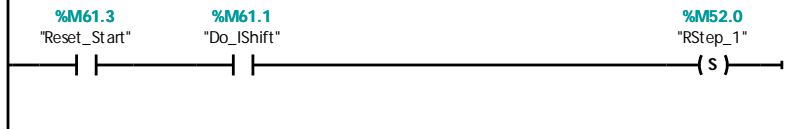
Network 11: All transition conditions. Any one causes shift.



Network 12: Reset shift register. Only Reset_Start shifts a bit in.



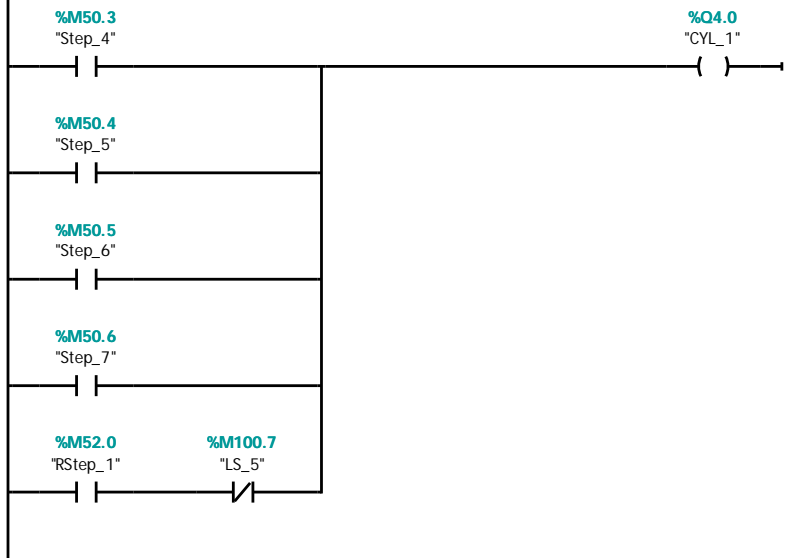
Network 13: Bit shifted into register. First start is only "1" shifted in



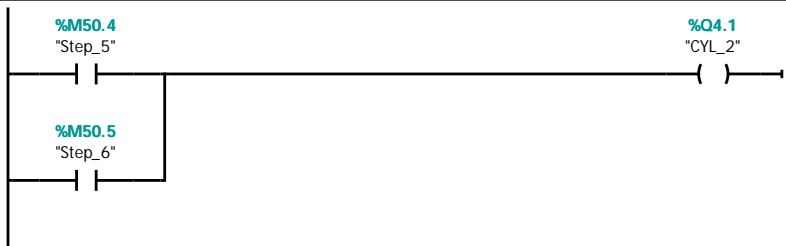
Network 14: Physical Outputs

Gate cylinder controls. Cannot turn off CYL_1 to CYL_3 when paused.

On reset, do not unclamp until vertical.

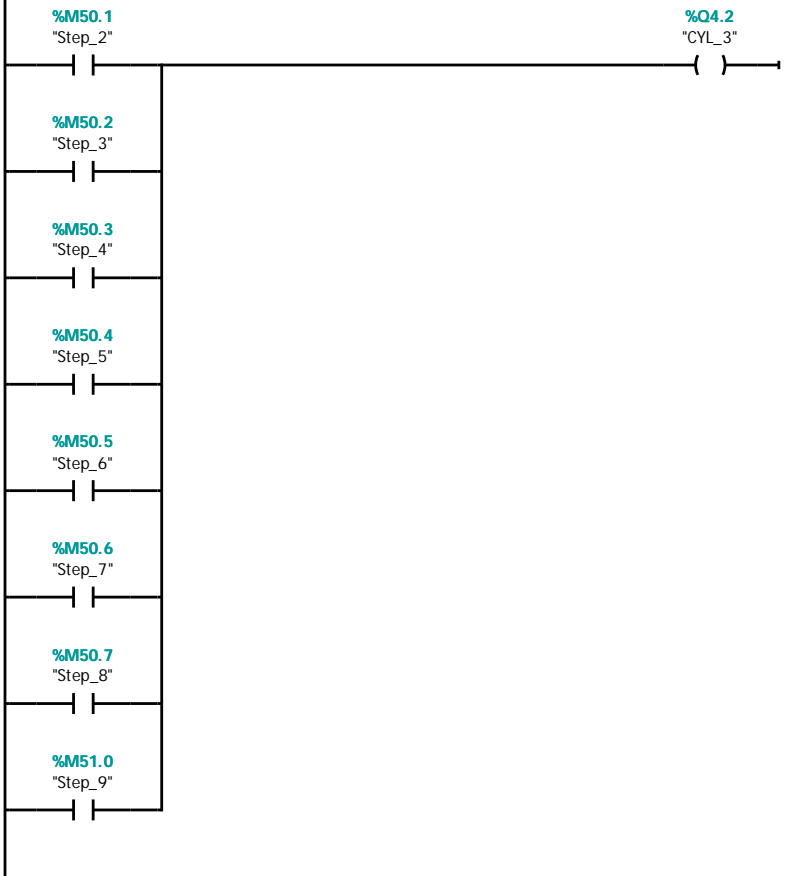


Network 15: CYL_2 control



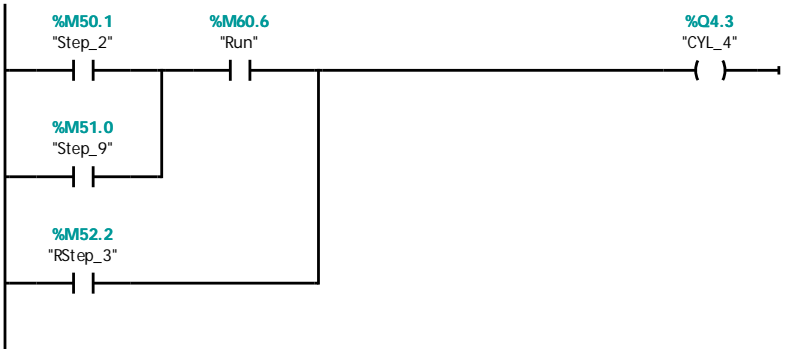
Network 16: CYL_3 control

Retract on reset



Network 17: CYL_4 control

On reset, do not push out until in vertical position and unclamped.



Network 18: Rotator motor control

Retract on reset

