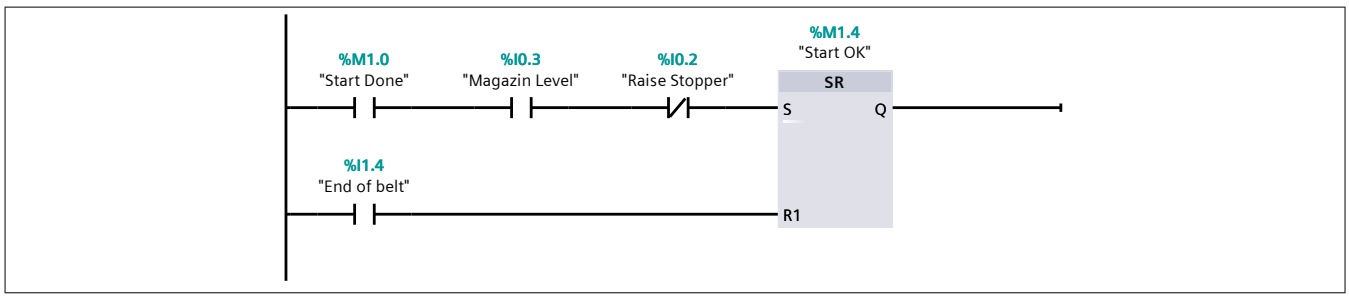
Sorting / PLC_1 [CPU 314C-2 PN/DP] / Program blocks

Main [OB1]

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

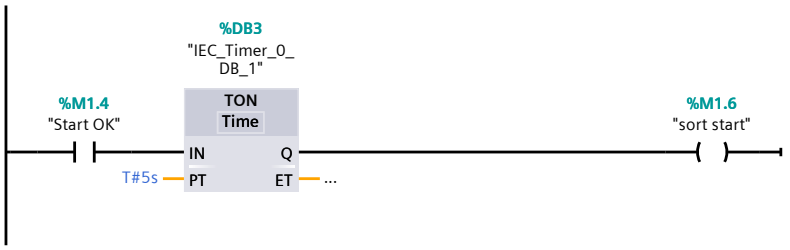
Main					
Name	**Data type**	**Offset**	**Default value**	**Super-vision**	**Comment**
Temp					
OB1_EV_CLASS	Byte	0.0			Bits 0-3 = 1 (Coming event), Bits 4-7 = 1 (Event class 1)
OB1_SCAN_1	Byte	1.0			1 (Cold restart scan 1 of OB 1), 3 (Scan 2-n of OB 1)
OB1_PRIORITY	Byte	2.0			Priority of OB Execution
OB1_OB_NUMBR	Byte	3.0			1 (Organization block 1, OB1)
OB1_RESERVED_1	Byte	4.0			Reserved for system
OB1_RESERVED_2	Byte	5.0			Reserved for system
OB1_PREV_CYCLE	Int	6.0			Cycle time of previous OB1 scan (millisec-onds)
OB1_MIN_CYCLE	Int	8.0			Minimum cycle time of OB1 (milliseconds)
OB1_MAX_CYCLE	Int	10.0			Maximum cycle time of OB1 (milliseconds)
OB1_DATE_TIME	Date_And_Time	12.0			Date and time OB1 started
Constant					

Network 1:



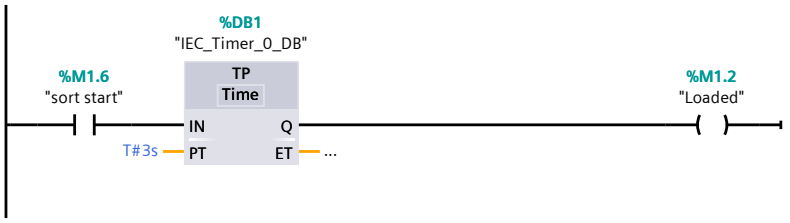
Symbol	Address	Type	Comment
"End of belt"	%I1.4	Bool	
"Magazin Level"	%I0.3	Bool	
"Raise Stopper"	%I0.2	Bool	
"Start Done"	%M1.0	Bool	
"Start OK"	%M1.4	Bool	

Network 2:



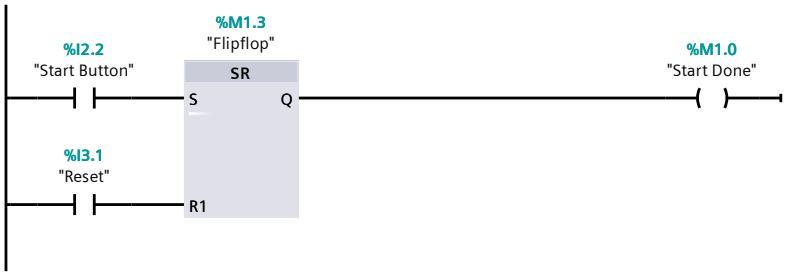
Symbol	Address	Type	Comment
"sort start"	%M1.6	Bool	
"Start OK"	%M1.4	Bool	

Network 3:



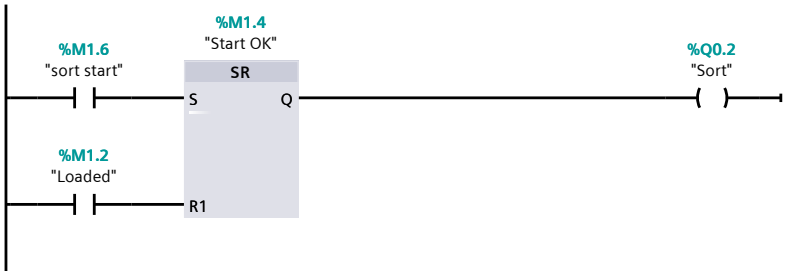
Symbol	Address	Type	Comment
"Loaded"	%M1.2	Bool	
"sort start"	%M1.6	Bool	

Network 4:



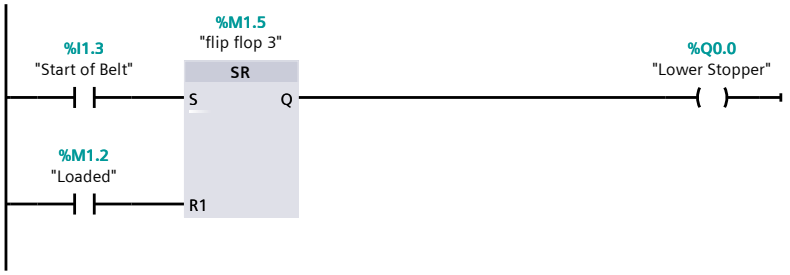
Symbol	Address	Type	Comment
"Flipflop"	%M1.3	Bool	
"Reset"	%I3.1	Bool	
"Start Button"	%I2.2	Bool	
"Start Done"	%M1.0	Bool	

Network 5:



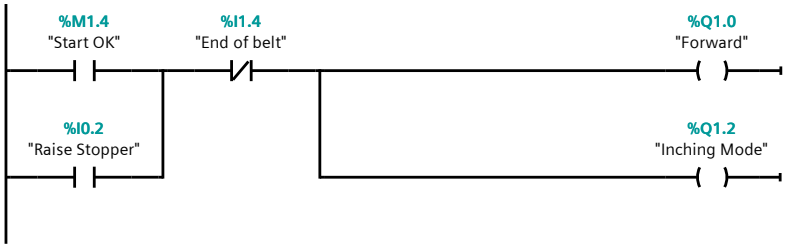
Symbol	Address	Type	Comment
"Loaded"	%M1.2	Bool	
"sort start"	%M1.6	Bool	
"Sort"	%Q0.2	Bool	
"Start OK"	%M1.4	Bool	

Network 6:



Symbol	Address	Type	Comment
"flip flop 3"	%M1.5	Bool	
"Loaded"	%M1.2	Bool	
"Lower Stopper"	%Q0.0	Bool	
"Start of Belt"	%I1.3	Bool	

Network 7:



Symbol	Address	Type	Comment
"End of belt"	%I1.4	Bool	
"Forward"	%Q1.0	Bool	
"Inching Mode"	%Q1.2	Bool	
"Raise Stopper"	%I0.2	Bool	
"Start OK"	%M1.4	Bool	