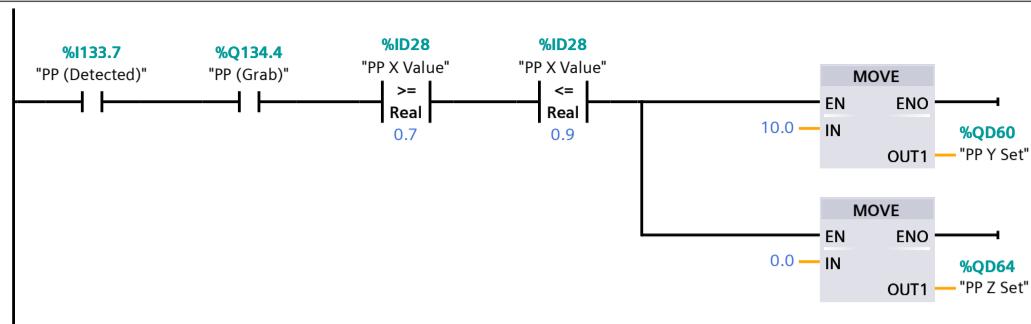
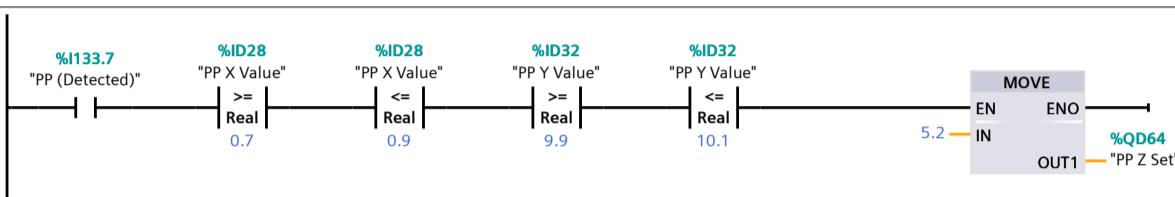


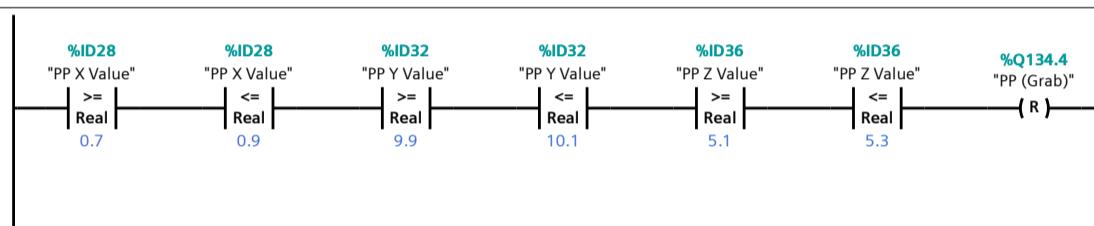
Totally Integrated Automation Portal																																																																																																																																				
ECELabFinalProject / PLC_1 [CPU 314C-2 DP] / Program blocks																																																																																																																																				
To Box [FB11]																																																																																																																																				
To Box Properties <table border="1"> <tr> <td colspan="2">General</td> </tr> <tr> <td>Name</td><td>To Box</td> <td>Number</td><td>11</td> <td>Type</td><td>FB</td> <td>Language</td><td>LAD</td> </tr> <tr> <td>Numbering</td><td>Automatic</td> <td colspan="6"></td> </tr> <tr> <td colspan="8">Information</td> </tr> <tr> <td>Title</td><td></td> <td>Author</td><td></td> <td>Comment</td><td></td> <td>Family</td><td></td> </tr> <tr> <td>Version</td><td>0.1</td> <td>User-defined ID</td><td></td> <td colspan="4"></td> </tr> </table>			General		Name	To Box	Number	11	Type	FB	Language	LAD	Numbering	Automatic							Information								Title		Author		Comment		Family		Version	0.1	User-defined ID																																																																																													
General																																																																																																																																				
Name	To Box	Number	11	Type	FB	Language	LAD																																																																																																																													
Numbering	Automatic																																																																																																																																			
Information																																																																																																																																				
Title		Author		Comment		Family																																																																																																																														
Version	0.1	User-defined ID																																																																																																																																		
To Box <table border="1"> <thead> <tr> <th>Name</th><th>Data type</th><th>Offset</th><th>Default value</th><th>Accessible from HMI/OPC UA/Web API</th><th>Writable from HMI/OPC UA/Web API</th><th>Visible in HMI engineering</th><th>Setpoint</th><th>Supervision</th><th>Comment</th></tr> </thead> <tbody> <tr> <td>Input</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Output</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>InOut</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Static</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>▼ Temp</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Constant 1</td><td>Int</td><td>0.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Constant 2</td><td>Int</td><td>2.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Constant 3</td><td>Int</td><td>4.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Constant 4</td><td>Int</td><td>6.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Constant 5</td><td>Int</td><td>8.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Constant 6</td><td>Int</td><td>10.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Constant</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>			Name	Data type	Offset	Default value	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment	Input										Output										InOut										Static										▼ Temp										Constant 1	Int	0.0								Constant 2	Int	2.0								Constant 3	Int	4.0								Constant 4	Int	6.0								Constant 5	Int	8.0								Constant 6	Int	10.0								Constant									
Name	Data type	Offset	Default value	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment																																																																																																																											
Input																																																																																																																																				
Output																																																																																																																																				
InOut																																																																																																																																				
Static																																																																																																																																				
▼ Temp																																																																																																																																				
Constant 1	Int	0.0																																																																																																																																		
Constant 2	Int	2.0																																																																																																																																		
Constant 3	Int	4.0																																																																																																																																		
Constant 4	Int	6.0																																																																																																																																		
Constant 5	Int	8.0																																																																																																																																		
Constant 6	Int	10.0																																																																																																																																		
Constant																																																																																																																																				
Network 1:																																																																																																																																				
<pre> %I132.3 "Sensor 24" +-- MOVE EN: 0.8 IN: %ID28 "PP X Value" OUT1: %QD56 "PP X Set" +-- MOVE EN: 0.2 IN: %ID28 "PP Y Value" OUT1: %QD60 "PP Y Set" +-- %Q135.6 "Conv. 9 (6m)" (R) </pre>																																																																																																																																				
Network 2:																																																																																																																																				
<pre> %ID28 "PP X Value" >= 0.7 %ID28 "PP X Value" <= 0.9 %ID32 "PP Y Value" >= 0.1 %ID32 "PP Y Value" <= 0.3 MOVE EN: 10.0 IN: %ID32 "PP Z Value" OUT1: %QD64 "PP Z Set" </pre>																																																																																																																																				
Network 3:																																																																																																																																				
<pre> %ID28 "PP X Value" >= 0.7 %ID28 "PP X Value" <= 0.9 %ID32 "PP Y Value" >= 0.1 %ID32 "PP Y Value" <= 0.3 %ID36 "PP Z Value" >= 9.9 %ID36 "PP Z Value" <= 10.1 %Q134.4 "PP (Grab)" (S) </pre>																																																																																																																																				
Network 4:																																																																																																																																				



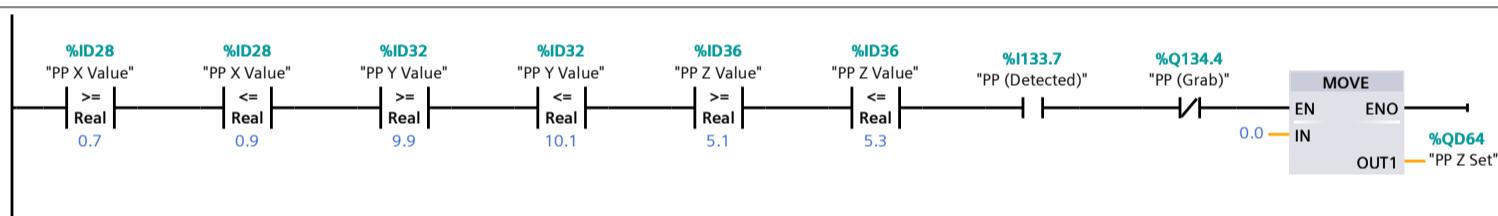
Network 5:



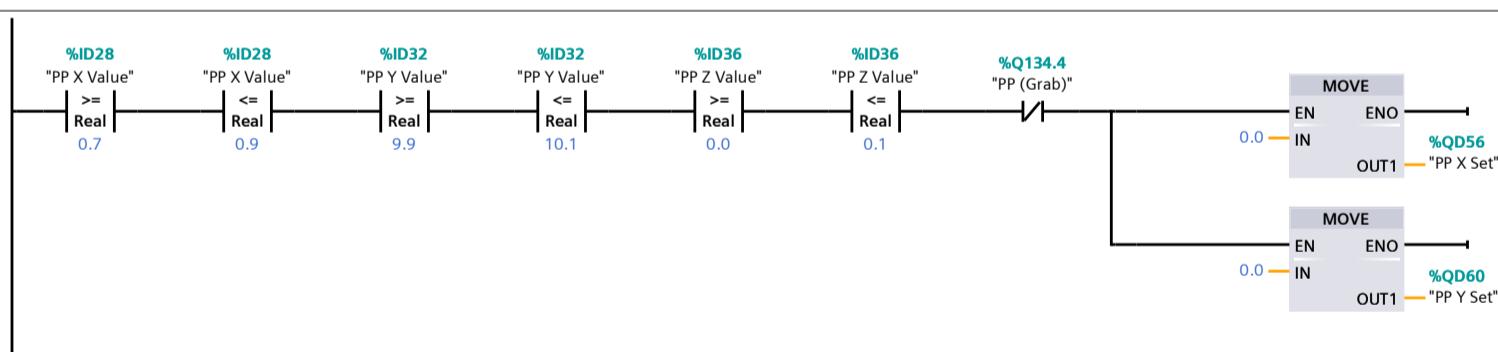
Network 6:



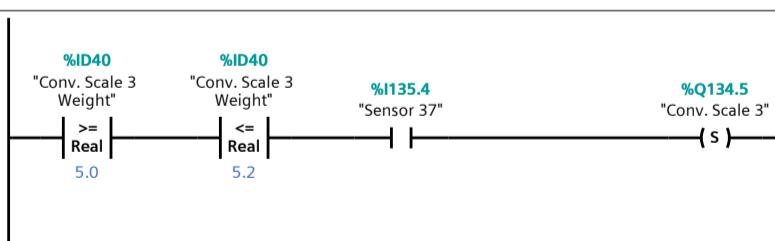
Network 7:



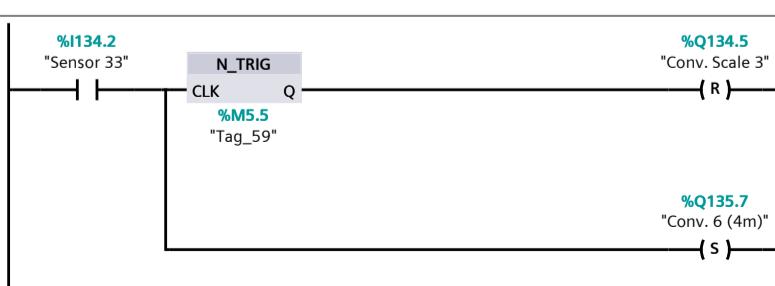
Network 8:



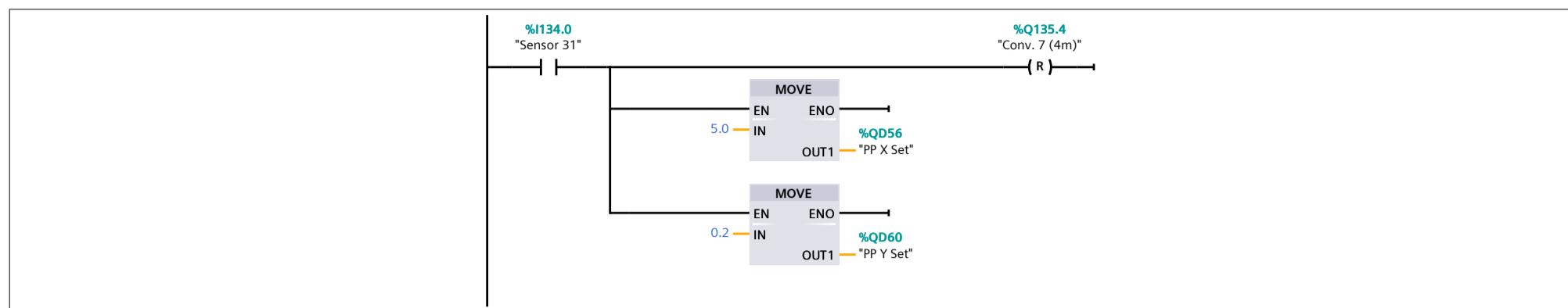
Network 9:



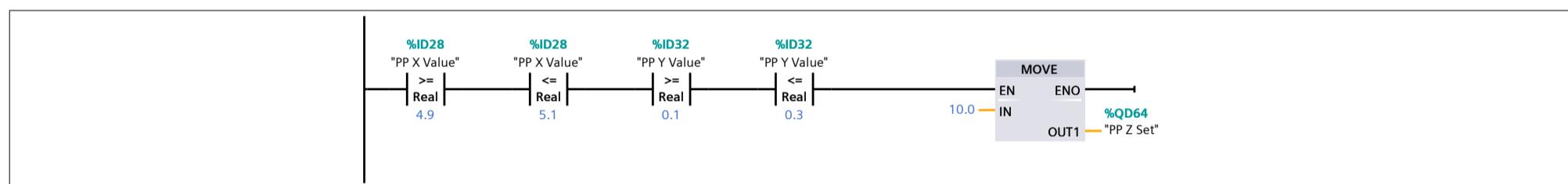
Network 10:



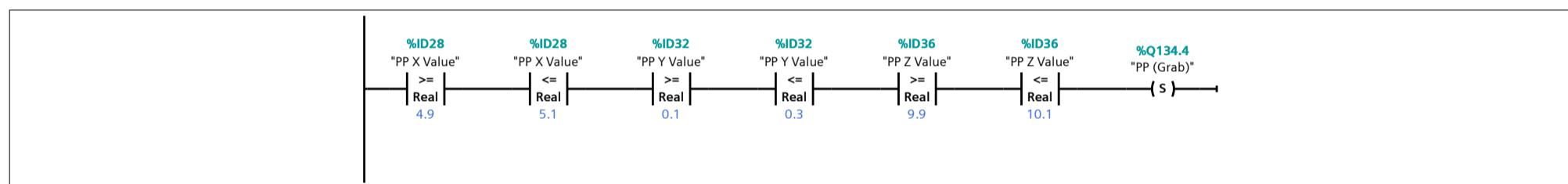
Network 11:



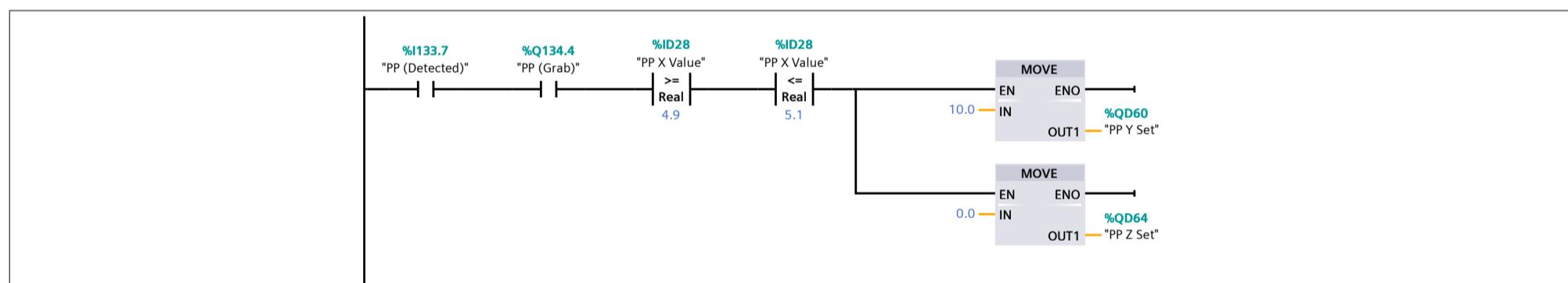
Network 12:



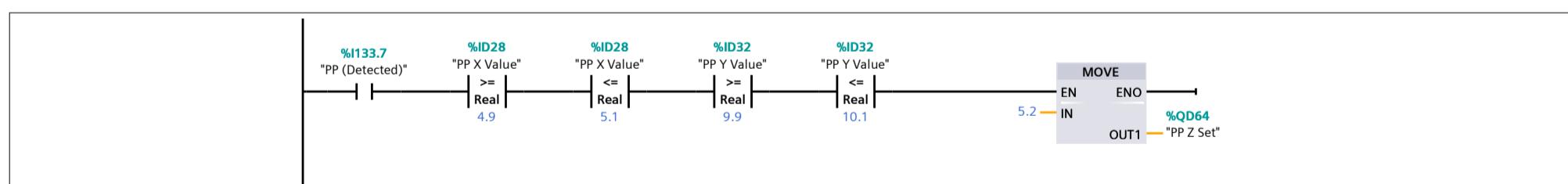
Network 13:



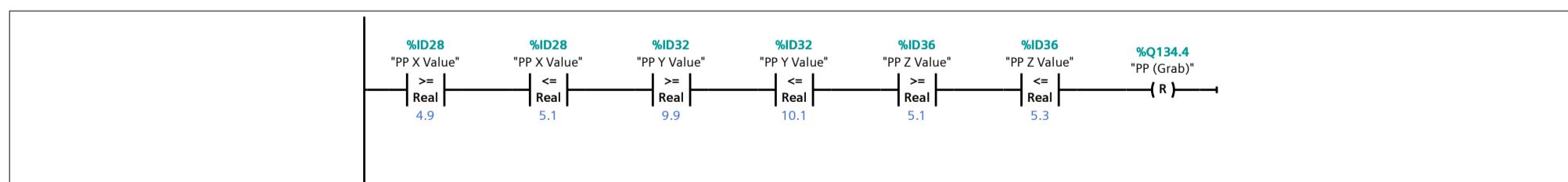
Network 14:



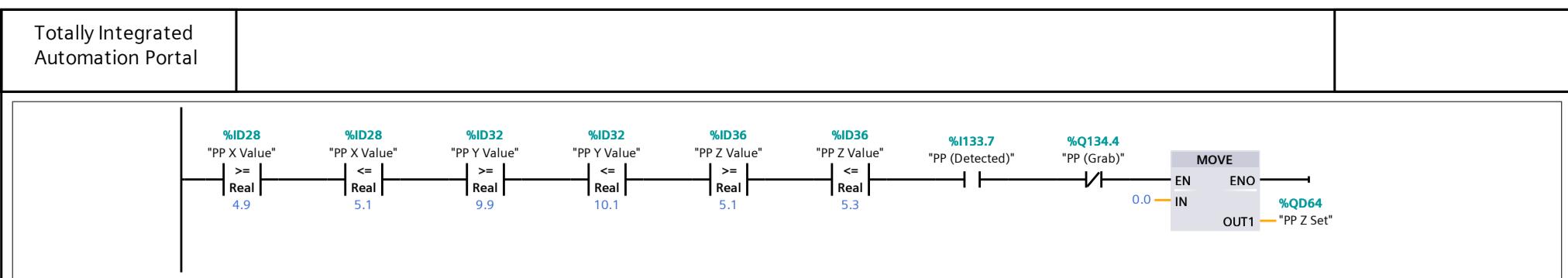
Network 15:



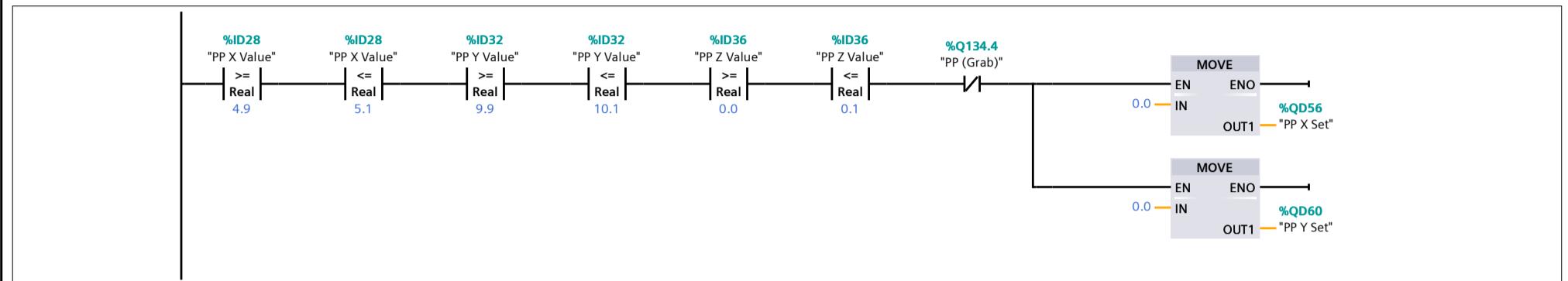
Network 16:



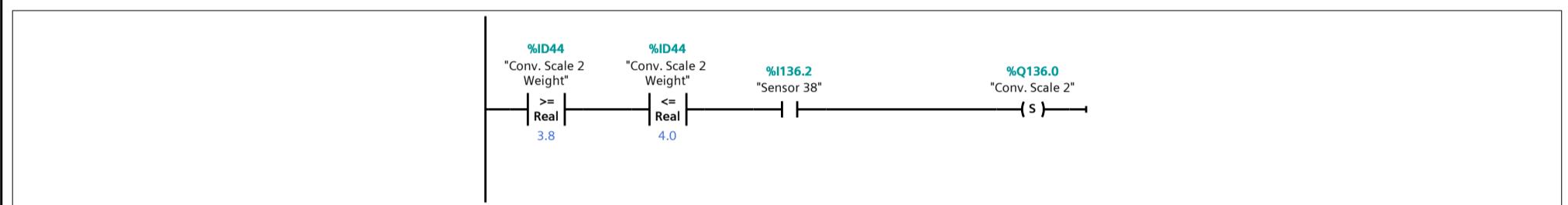
Network 17:



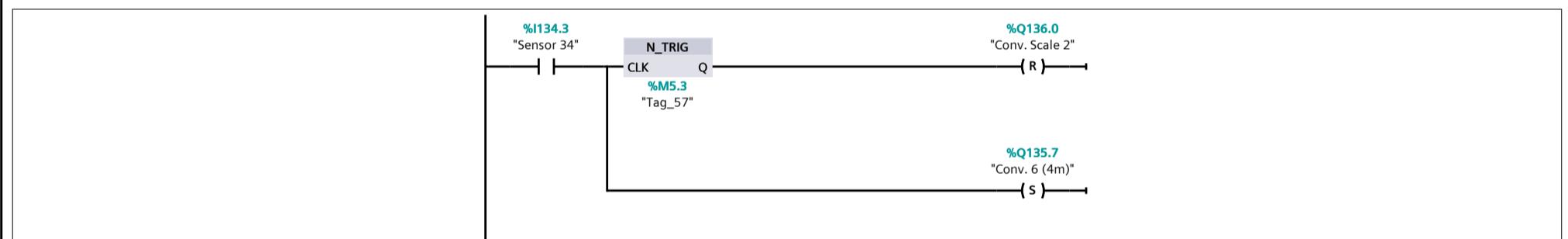
Network 18:



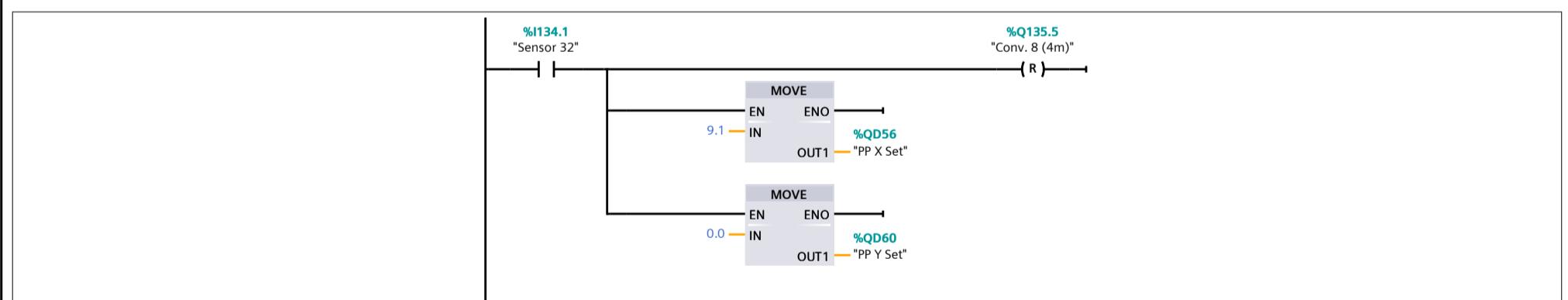
Network 19:



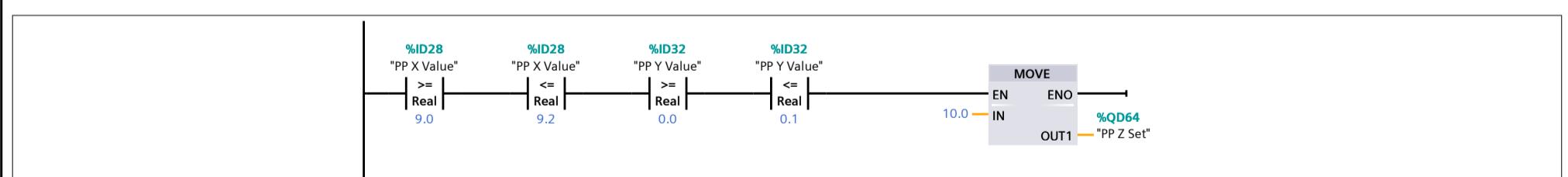
Network 20:



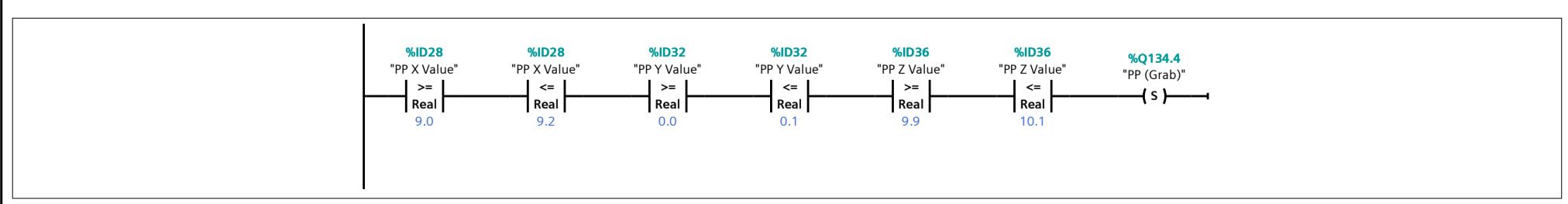
Network 21:

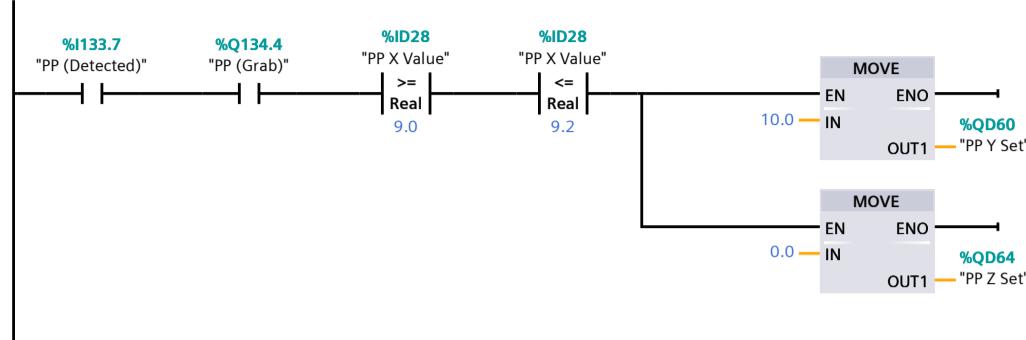
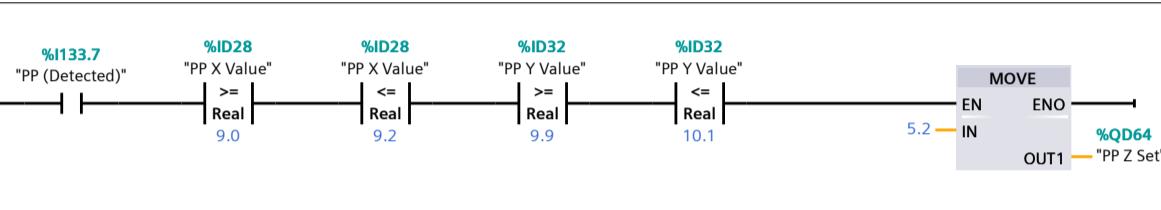
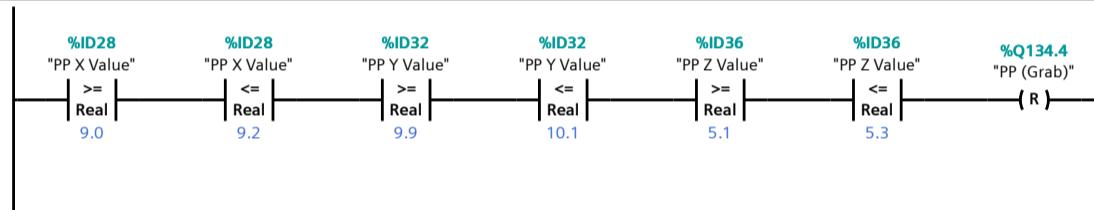
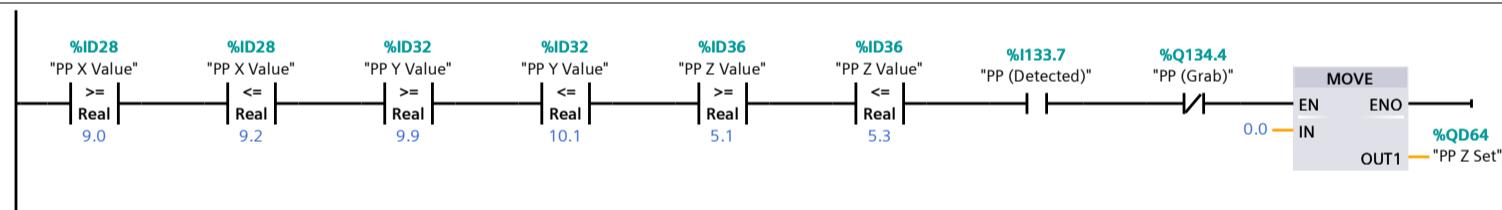
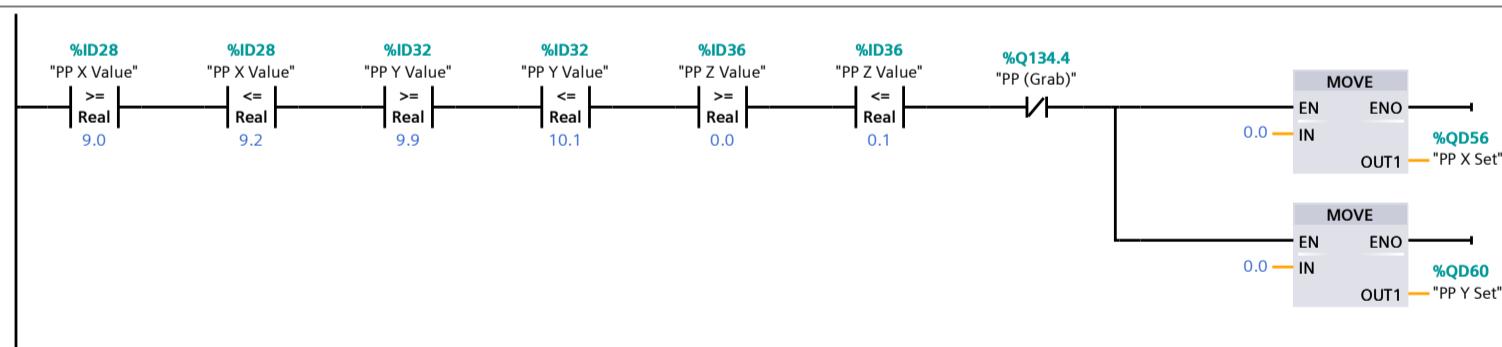
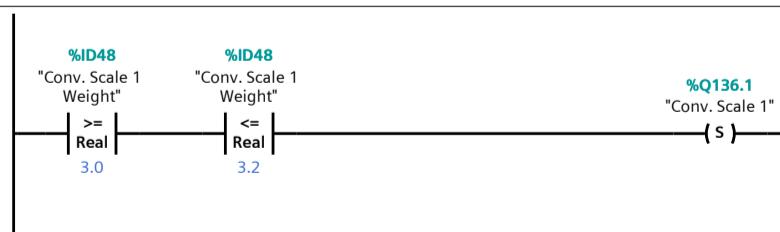


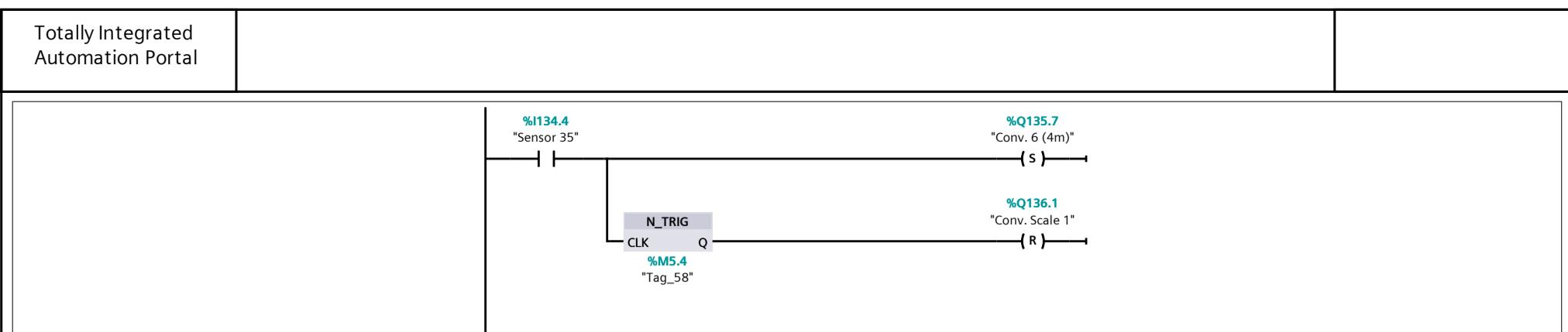
Network 22:



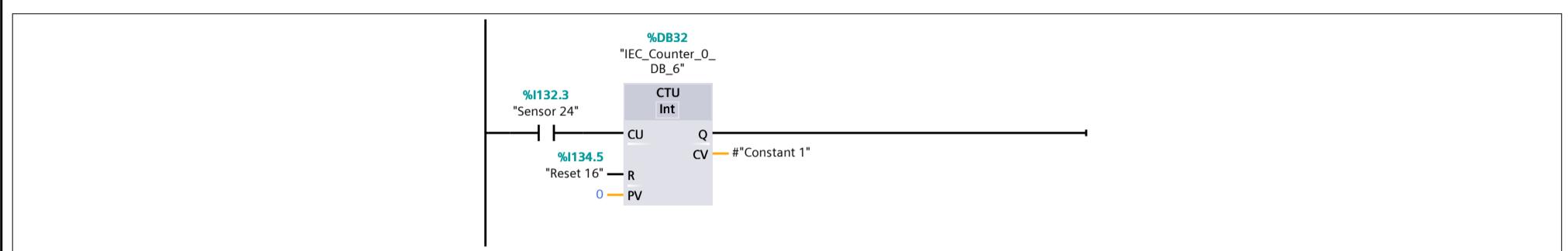
Network 23:



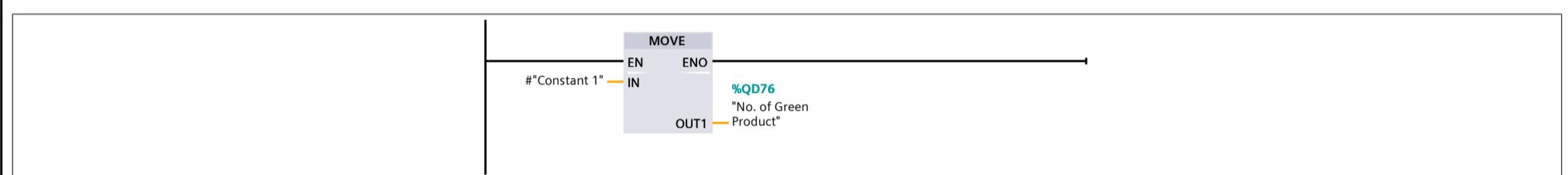
Network 24:**Network 25:****Network 26:****Network 27:****Network 28:****Network 29:****Network 30:**



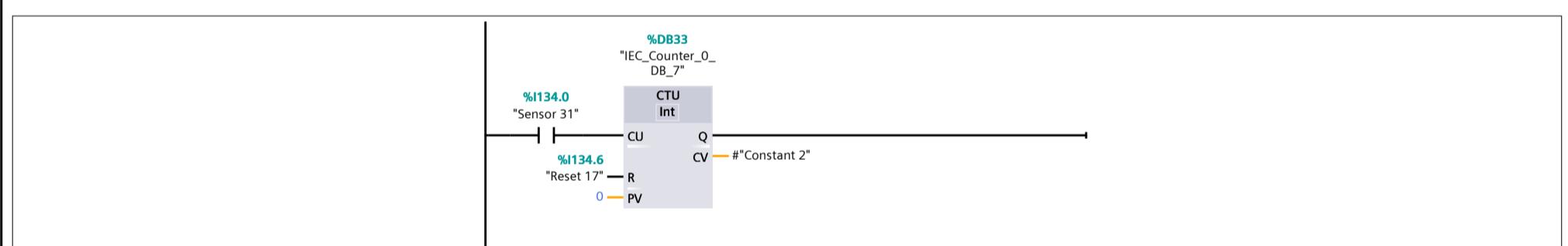
Network 31:



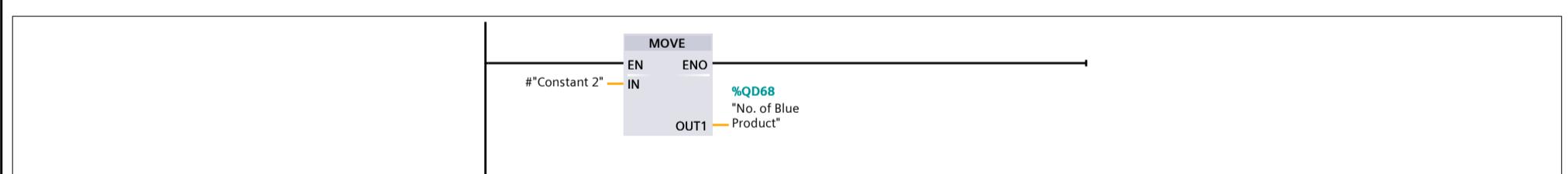
Network 32:



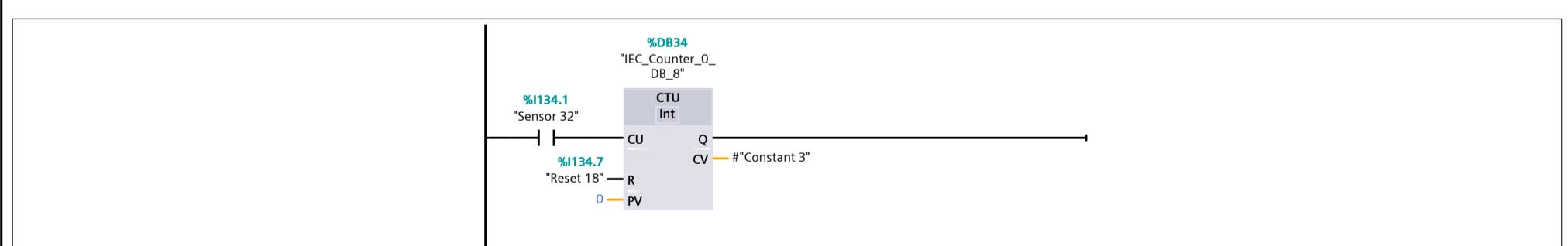
Network 33:



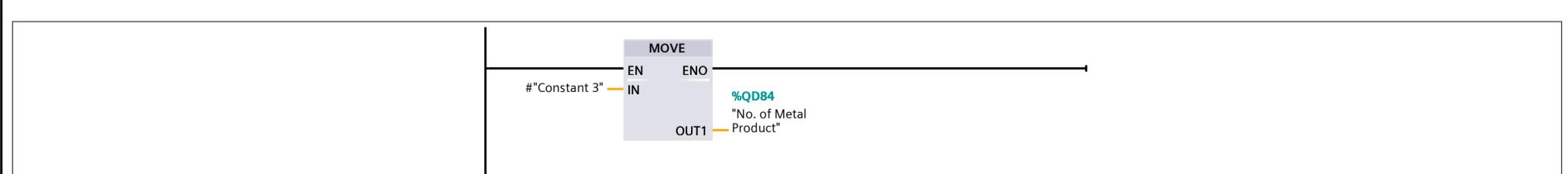
Network 34:



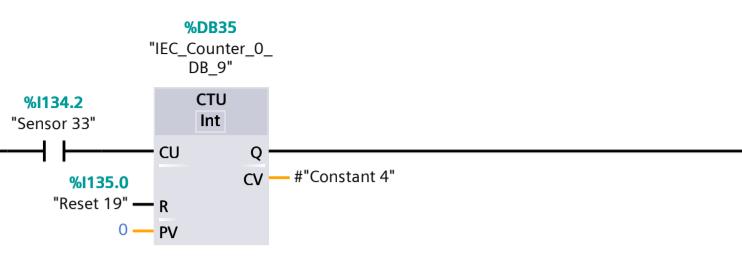
Network 35:



Network 36:



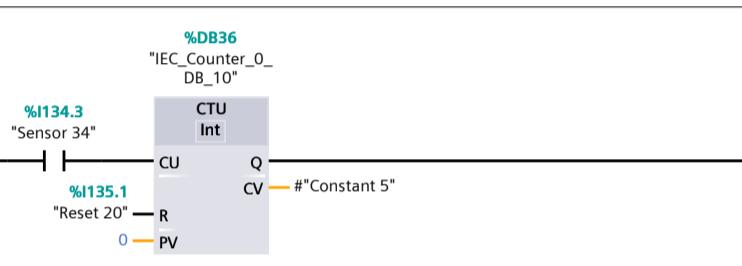
Network 37:



Network 38:



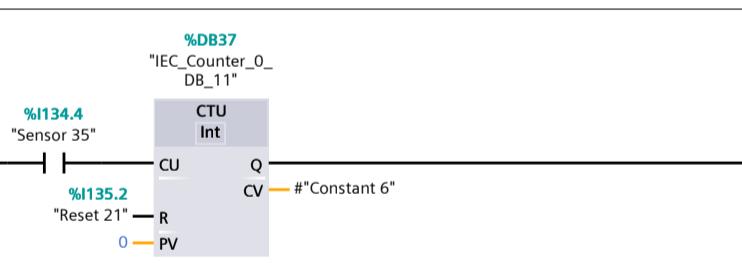
Network 39:



Network 40:



Network 41:



Network 42: