

Sensors:

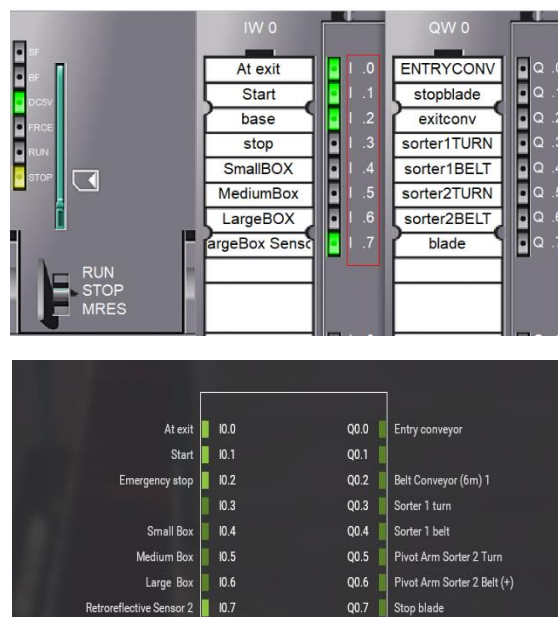
- 1- 2 retroreflective sensors
- 2- emitter and receiver (Array)



Actuators:

- 1- 2 Pivot Arms (HDS) : there are two actuators for each, motor to drive the belt and the other one pneumatic operated to swing the arm.
- 2- Stopblade

Connections (PLC):



PLC Program:



Simulation:

<https://youtu.be/p3NLJnwHYnE>