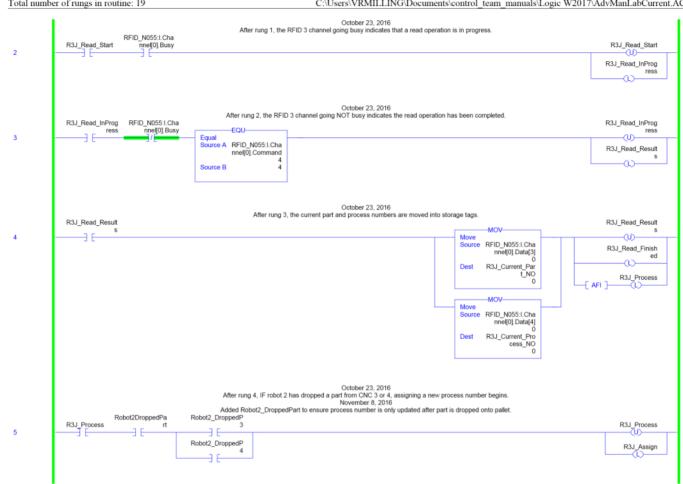


Logix Designer



General Page 2

After rung 5, write new process number to 2. Keep part number the same. Note that address is set to 4 (process number) and length is set to 1.

RRID Tag at Cell 2
Stop

RRID RSS I Chamsel (0) Tag/Present/

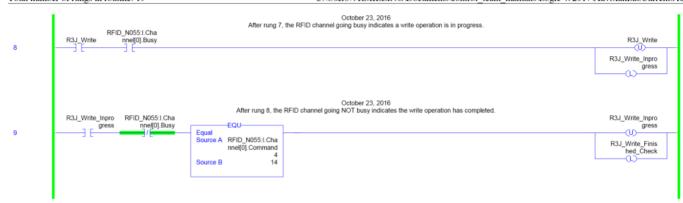
RRID N055 I Cham

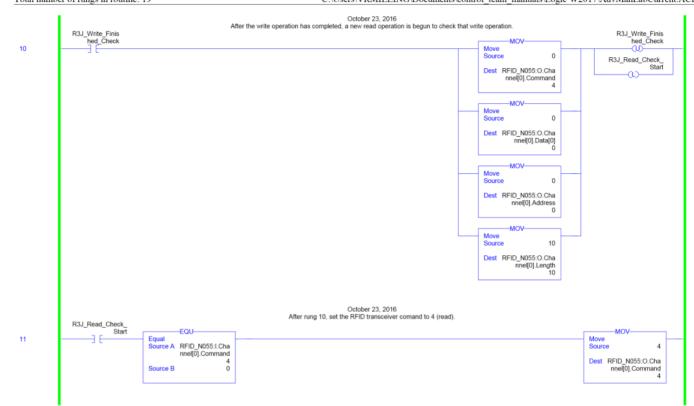
Logix Designer

Dest RFID_N055:O.Cha nnel[0].Command 4

4

Source B





October 23, 2016
After rung 11, the RFID channel going busy indicates that the read operation is in progress R3J_Read_Check_ Start R3J_Read_Check_ RFID_N055:I.Cha Start nnel[0].Busy nnel[0].Busy _w_ 12 R3J_Read_Check_ InProgress October 23, 2016
After rung 12, the RFID channel going NOT busy indicates that the read operation has completed. R3J_Read_Check_ RFID_N055:I.Cha nne[0].Busy R3J_Read_Check_ InProgress FOLL Equal Source A RFID_N055:I.Cha nnel[0].Command 4 13 R3J_Read_Check_ Results October 23, 2016
After the read operation has completed, move the read process number into a storage tag. R3J_Read_Check_ Results R3J_Read_Check_ Results MOV-Move Source RFID_N055:1.Cha nnei[0].Data[4] 0 14 R3J_Read_Check_ Fail Dest R3J_Check_Proce ss_NO 2 (L)-October 23, 2016
After rung 14, if the read process number is 2, the write operation was successful. R3J_Read_Check_ Fail R3J_Read_Check_ Fail -EQU-Equal Source A R3J_Check_Proce ss_NO 15 -w-R3J_Write_Pass Source B

October 23, 2016

This rung executes once process number 2 has been successfully written to the RFID tag. It resets the robot and CNC tags.

Robot2_DroppedP
Robot2_DroppedP
Robot3_DroppedP
Robot3_DroppedP
Robot3_DroppedP R3J_Write_Pass R3J_Write_Pass 16 CNC_3_Done Robot2_DroppedP 4 Robot2_DroppedP 4 -(U)-CNC_4_Done October 23, 2016

After rung 14, if the read process number is NOT 2, the write operation was not successful, and the write is restarted. R3J_Read_Check_ Fail R3J_Read_Check_ Fail Not Equal Source A R3J_Check_Proce ss_NO 17 -w-R3J_Assign Source B October 23, 2016
This rung executes after the part leaves RFID 3, It resets the tags so that this routine is ready for the next part. RFID Tag at Cell 2 Stop RFIDTP3 Mode_Auto <RFID_N055:I.Channel[0].TagPr R3J_Read 18 R3J_Read_Finish ed -(u)--R3J_Process (End)