





Mode_Start

Mode_Semi

RFID Tag at Cell 1 Stop

DeBounce2.DN <RFID_N054:I.Channel[0].TagPresent Fanuc_Rbt_C1:O. Data[0].3 Fanuc_Rbt_C1:O. Data[0].4 CNC 2 Done

10

Total number of rungs in routine: 15

October 11, 2016

This rung evaluates all possible conditions for retraction of the Cell 1 Robot Stop. The conditions are:

If the part has been dropped to the conveyer (has written process number and checked), or both CNC1 and CNC2 running (both busy now), or the pallet is empty and both CNCs are not done, or the process is not 0, or CNC1 is not idle and part A is in ocil rolled and part B or C is in cell.

November 1, 2016

Added DeBounce2 timer done condition to ensure PartEntering tag is unlatched. Changed tags to match RFID_1_JW.

November 5, 2016

Fixed Error: RFID 3 tags were being used instead of RFID 1

Added Robot2_DroppedP1 and P2 FALSE conditions in front of some rungs to avoid releasing a pallet early while the robot is dropping a part from a CNC to the conveyor.





