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***** Part Width Sorter Control *****

Additional internal memory:

Tag	Data Type	
Int_Reset	BOOL	Internal reset
Step_1 to Step_3	BOOL	Step-in-progress bits
Eject_Tmr	TIMER	Times eject pulse
Bin1	BOOL	Size for bin 1
Bin2	BOOL	Size for bin 2
Bin3	BOOL	Size for bin 3
UX1_Inch	REAL	UX1 reading in inches
UX2_Inch	REAL	UX2 reading in inches
UX3_Inch	REAL	UX3 reading in inches
Part_Width	REAL	Part width in inches

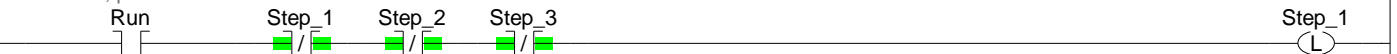
Conversion formulas

$$UXn_Inch = (UXn_MEAS/100) * (30-4) + 4$$

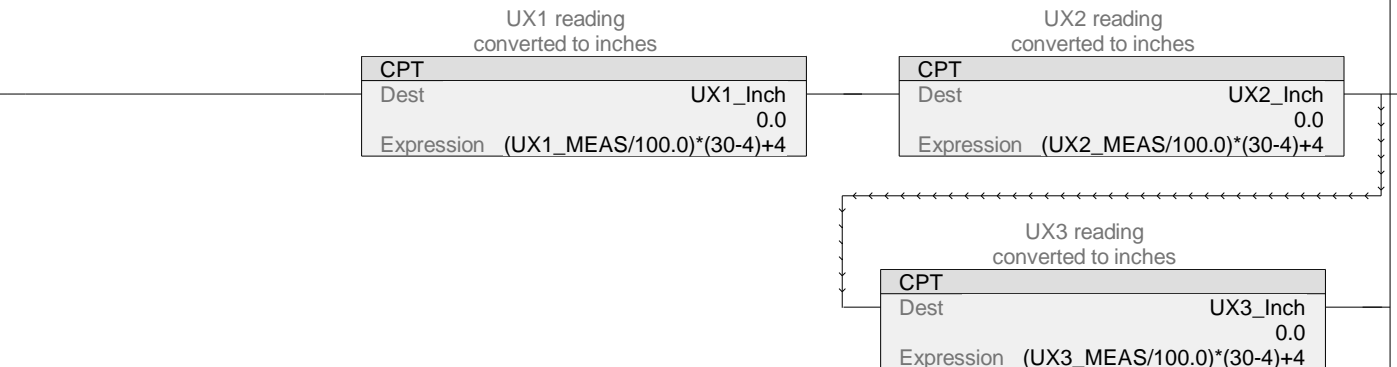
$$Part_Width = 16 - (UX1+UX2)$$

Initial start

When on, allow
station to run. When
off, pause.



Convert UX readings to inches.



Step 1. Wait for part in measure position. Calculate part width on transition.

