FPGA_Calculate_Encoder_Difference.vi
M:\CWRUCutterHex\LabVIEW\src\FPGA\Utilities\FPGA_Calculate_Encoder_Difference.vi
Last modified on 9/28/2012 at 2:45 PM
Printed on 9/28/2012 at 2:45 PM

Connector Pane

FPGA_Calculate_Encoder_Difference.vi

L Enc ——————— L Enc Diff
R Enc ——————— R Enc Diff

Stores the previous encoder value, then subtracts the new value to find the distance traveled at each 100 Hz iteration.
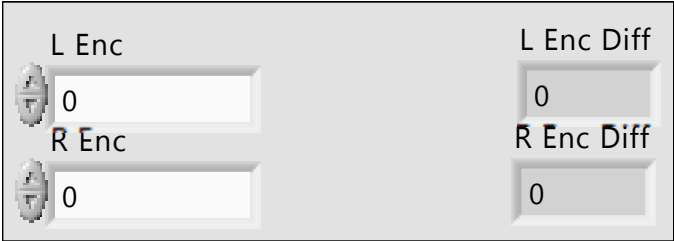
Inputs:
- Encoder Left/Right

Outputs:
- Encoder difference Left/Right

Front Panel

L Enc   L Enc Diff
0   0
R Enc   R Enc Diff
0   0

Block Diagram