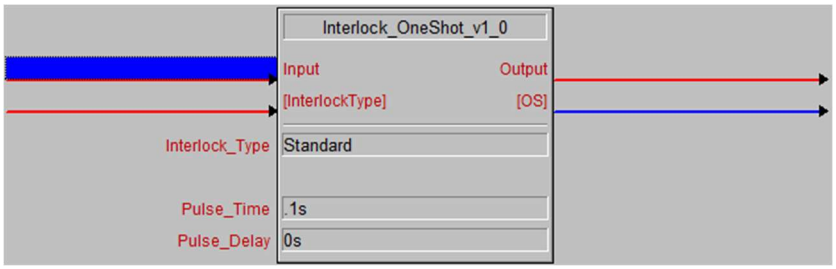
SIMPLWINDOWS NAME: Interlock_OneShot_v1_0
PROGRAMMER: Kyle Wilcoxen

NOTE: THIS IS THE MOST RECENT VERSION.
ANY OTHER VERSION YOU MAY FIND SHOULD SIMPLY BE IGNORED.

SUMMARY: This module was created to function like Crestron's interlock symbol but with the added feature of a one-shot.



MODULE OPERATION

To set the state of the module use an analog initialize symbol and connect it to **Input**.

Insert an analog equate symbol to your program and connect it to **Output** to be used as your feedback.

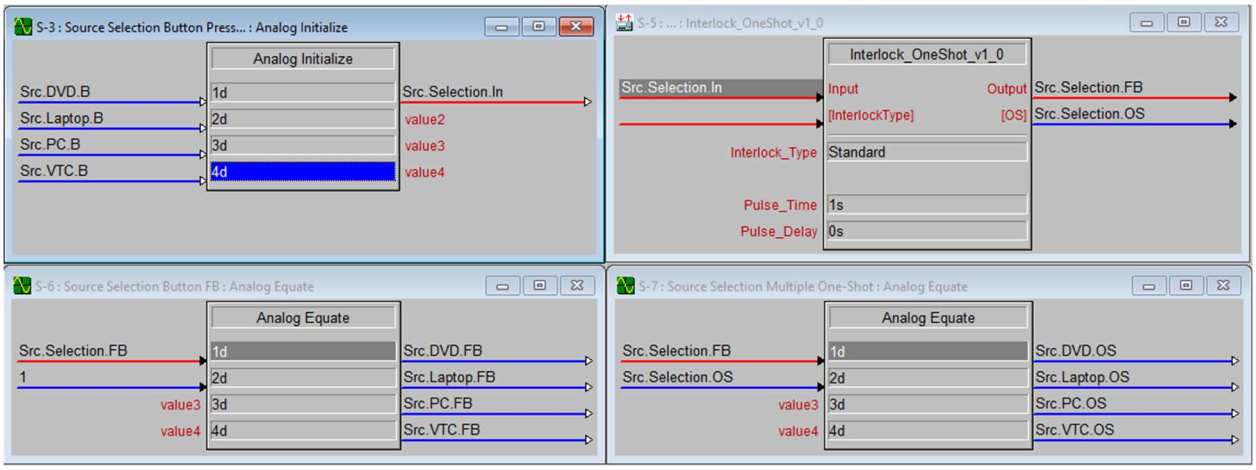
Use any value for the initialize symbol, but keep in mind the analog equate parameters must match the initialize parameters for this module to work properly.

When any value is sent to **Input** the module will pulse the **[OS]** digital output for the duration set by **Pulse Time** with a delay set by **Pulse Delay**. This output will be pulsed even if **Input** is the same value.

To create a multiple one-shot, insert an additional equate symbol and tie the **Output** signal from the module to the analog input of the equate. Connect the **[OS]** digital output from the module to the enable input of the equate.

If a scenario arises where you need to set the feedback on the module but do NOT want **[OS]** pulsed, simply set **Output** to a value with a separate analog initialize symbol.

By default, this module operates like a standard interlock. To make it a toggling interlock, change the Interlock_Type parameter to Toggle, or set [InterlockType] analog input to 1d. Setting [InterlockType] to 0d reverts it back to a standard interlock.



Code Example