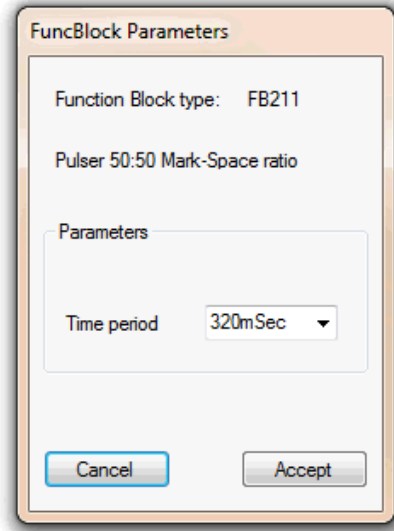
**Function Description**

The function block supply pulses with a 50:50 mark-space ratio. The time period is selected at design time to be one of the values 20, 40, 80, 160, 320 and 640 mSec. This will give pulses at frequencies of 50, 25, 12.5, 6.25, 3.125 and 1.5625 Hertz.

This function block can be used in both cycle and time tasks, although you will get erratic pulses if you place this function block in a time task with execution rate equal or greater then the selected time period.

As the pulses are generated by the operating system the block consumes no program or ram memory.

**Popup Parameters**

Time period: Selected from a drop-down list consisting of the following values: 20, 40, 80, 160, 320 and 640 mSec.

Input/Output and Parameters

| Type | Description | Data Type | Range |
|--------|-------------|-----------|-------|
| Output | Pulse train | Boolean | 0, 1 |

Notes