

# Discretizer

## Input Parameters

- setSamplingRate

## Functional Description

This block accepts one real continuous signal and outputs one real discrete signal built from a sampling of the input signals with a predetermined sampling rate. The sampling rate is defined by the value *SamplingRate*.

## Input Signals

**Number:** 1

**Type:** Real signal (ContinuousTimeContiousAmplitude)

## Output Signals

**Number:** 1

**Type:** Real signal (DiscreteTimeContiousAmplitude)