NumericTextBox Control Reference

Accept only numeric text input.

Reference **Controls** **Interaction** TextBox

The TextBox component allows users to enter and edit numeric values within their applications. It is commonly used for forms, data entry, and any scenario where text input is required.

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Requirements

This component is Portable. It runs both on Windows and on Web Pages hosted in any platform.

Configuration

1. Go to **Displays / Draw**.
2. On the Components Panel, select **Interaction**, then **TextBox**, **PasswordBox**, or **NumericTextBox**.
3. Click or drag-and-drop it on the Drawing area to use it.
4. Double-click the component to open the configuration window.

NumericTextBox Settings	
Label Text	Specifies the text displayed next to the NumericTextBox. It helps users understand the context or purpose of the displayed value. In this example, it displays {Tag.Temperature}.
Linked Value	Binds the NumericTextBox to a specific tag or variable (Tag.Temperature.Value). This binding ensures the NumericTextBox displays and controls the value of the specified tag.
Binding	Sets the binding mode for the component. Options are: **TwoWay**: Updates the data source and UI interchangeably. **Output Only**: Updates the UI based on the data source without allowing user input to affect the data source. **Input Only**: Accepts user input and updates the data source, but changes in the data source do not update the UI.
Step	Specifies the increment value for the NumericTextBox. Default is 1, which means the value will increase or decrease by 1 unit with each step.
MinValue	Specifies the minimum value that the NumericTextBox can display or accept.
MaxValue	Specifies the maximum value that the NumericTextBox can display or accept.
Preview	Controls the preview of the label content or data bindings. Options are: **LinkedTags**: Displays the object path of a linked tag, such as Tag.Temperature.Value. **Whitespace**: Shows a white space as a placeholder. **Placeholder**: Displays the symbol # as a placeholder.
Format	Allows users to define a formatting expression for the displayed text.
Border	Sets the border style for the NumericTextBox. Options are: **OutlineAndFill**: Combines both an outline and a fill effect for the border. **OutlineOnly**: Displays only the outline of the control. **HorizontalLine**: Shows a horizontal line as the border.
ShowClearButton	When checked, displays a button to clear the text content within the NumericTextBox.

Label Settings: Position	Defines the label's position relative to the NumericTextBox. Options are: **Auto**: The label position is determined automatically based on the available space and button size. **Top**: The label is positioned above the NumericTextBox. **Left**: The label is positioned to the left of the NumericTextBox. **Inside**: The label is positioned inside the NumericTextBox, usually centered. **None**: The NumericTextBox has no visible label.
Width	Specifies the width of the label. Default is 80.
Auto	When enabled, the label's width is defined automatically.
Preview (Label Settings)	Controls the preview of the label content or data bindings. Options are: **LinkedTags**: Displays the object path of a linked tag, such as Tag.Temperature.Value. **Whitespace**: Shows a white space as a placeholder. **Placeholder**: Displays the symbol # as a placeholder.
Format (Label Settings)	Allows to define an expression to format the selected label. For example: 0.00 (number with 2 decimal places).

Runtime Execution

When users type into a NumericTextBox, the application captures and processes the input. Applying to the tag defined in the LinkedValue.



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