

TcHmiValidationTextbox

This is a sample Framework Control project that inherits from the TcHmiTextbox (attribute “uses” in Description.json) and extend this textbox with a min and max value validation for numeric inputs. If you create a TwoWay-Binding to a PLC variable you can define in the control properties, if the invalid input (out of range) should be written to the PLC or not (“block invalid input). In both cases the Textbox indicates if the input is valid or not with different colors.

Note: This is only a sample. Feel free to modify it. In future the TcHmi offers integrated functions for data validation.

See also the project “TcHmiValidationBox”, that offers similar functionalities without the inheritance from the TcHmiTextbox.

Please follow the comments in the sample.