

## LGF\_StoreMinMax

### Short description

This block reads-in a value of a variable at each call and outputs the maximum and minimum value that has been read in since the first call.

The evaluation can be reset if necessary. The block supports the data type LREAL.

### Block



### Input parameters

Parameters	Data type	Description
value	LREAL	Variable whose value is checked for minimum and maximum.
reset	BOOL	The block is reset and the evaluation starts over again.

### Output parameters

Parameters	Data type	Description
minValue	LREAL	Minimum value since first call or since activation of the input "reset".
maxValue	LREAL	Maximum values since first call, or since activation of the input "reset".

### Further information on libraries in TIA Portal:

- Topic page libraries  
<https://support.industry.siemens.com/cs/ww/en/view/109738702>
- Guideline on Library Handling  
<https://support.industry.siemens.com/cs/ww/en/view/109747503>
- Programming Guideline for S7-1200/1500 in chapter "Libraries"  
<https://support.industry.siemens.com/cs/ww/en/view/81318674>
- Programming Styleguide  
<https://support.industry.siemens.com/cs/ww/en/view/81318674>