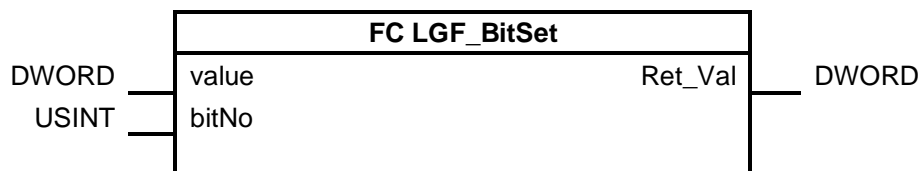


## LGF\_BitSet

### Short description

This block sets a bit at a given position in a variable of the data type DWORD. Alternatively, Word and Byte can be used instead of DWord by converting the passed parameter with, for example, BYTE\_TO\_DWORD and the result with DWORD\_TO\_BYTE.

### Block



### Input parameters

Parameters	Data type	Description
value	DWORD	Variable at which the bit is set.
bitNo	USINT	Bit number to be set in the “value” parameter.

### Output parameters

Parameters	Data type	Description
Ret_Val	DWORD	Variable with set bit.

### 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>