

LGF_BitTest

Short description

This block checks whether a bit is TRUE or FALSE 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 checked.
bitNo	USINT	Bit number to be checked in the "value" parameter.

Output parameters

Parameters	Data type	Description
Ret_Val	BOOL	Value of the checked 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>