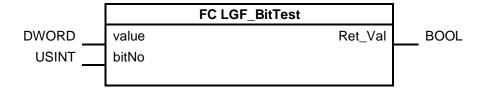
# LGF\_BitTest

# **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" <a href="https://support.industry.siemens.com/cs/ww/en/view/81318674">https://support.industry.siemens.com/cs/ww/en/view/81318674</a>
- Programming Styleguide https://support.industry.siemens.com/cs/ww/en/view/81318674