

LGF_GetCalendarDay

Short description

This function uses the specified date to calculate the number of days that have passed since the beginning of the year.

Block



Input parameters

Parameters	Data type	Description
inDate	DTL	Calculation date for the days since 1 January.

Output parameters

Parameters	Data type	Description
Ret_Val	DINT	Days past since January 1st.
error	BOOL	Error display. FALSE: no error. TRUE: Error in block, "status" outputs error code.
status	WORD	"status" outputs the status/error code (see Table below).

Status and error displays

Status	Meaning	Remedy
16#0000	No error.	-
16#8201	Date on input "inDate" below the lower limit.	Select "inDate" greater than 1971-01-01.

Principle of operation

The function is used in the functions "LGF_GetCalendarWeek_ISO" and "LGF_GetCalendarWeek_US".

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>