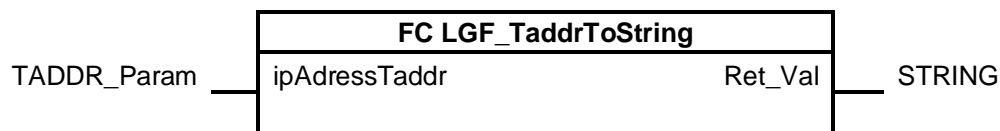## LGF_TaddrToString

Short description

The system data type "TADDR_Param" contains address information consisting of an IPV4 address and the port number.

The LGF_TaddrToString function converts a TADDR_Param system data type variable to a "String" data type variable.

Block

FC LGF_TaddrToString	
TADDR_Param —— ipAdressTaddr	Ret_Val —— STRING

Input parameters

Parameters	Data type	Description
ipAddressTaddr	TADDR_Param	IPV4 address

Output parameters

Parameters	Data type	Description
Ret_Val	STRING	IPV4 address

Principle of operation

The function converts the IPV4 address with or without port number. The system data type "TADDR_Param" is a structured data type. This structure contains the variable "REM_PORT_NR". If this variable is "0", no port is written to the parameter "Ret_Val".

Example

- Ret_val without port number: '192.168.11.11'
- Ret_val with port number: '192.168.11.11:3294'

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