



TF6100 | TC3 OPC UA

OPC Unified Architecture offers secure, reliable and manufacturer-neutral transport of raw data and pre-processed information from the manufacturing level into the production planning or ERP system. With OPC UA, all desired information is available to every authorised application and every authorised person at any time and in any place.

TwinCAT OPC UA Server

- certified in the OPC Laboratory, Europe
- functions: DataAccess/HistoricalAccess/Alarm&Condition
- PLC blocks for diagnosis and restart
- intermediate storage of data on the server: interruption of the communication connection does not lead to loss of data
- configurator for simple handling and diagnostics of local/remote OPC UA servers

TwinCAT OPC UA Gateway

- wrapper technology for an OPC DA (Data Access) interface according to OPC UA
- high-performance OPC DA access
- aggregation of TwinCAT OPC UA servers

TwinCAT OPC UA Client

- PLCopen PLC function blocks for OPC UA Data Access
- Demo OPC UA client for diagnostic purposes

Security

- secured access to name spaces, variables, structures and the OPC UA Server in general
- authorisation levels and a configuration option for consistently encrypted access

OPC UA Pub/Sub UDP Realtime

- deterministic and real-time capable communication channel
- ideal for heterogeneous M2M scenarios

Technical data	TF6100
Required	TC1000
Target system	Windows XP, Windows 7/8/10, Windows CE

Ordering information	
TF6100-0020	TC3 OPC UA, platform 20 (Economy)
TF6100-0030	TC3 OPC UA, platform 30 (Economy Plus)
TF6100-0040	TC3 OPC UA, platform 40 (Performance)
TF6100-0050	TC3 OPC UA, platform 50 (Performance Plus)
TF6100-0060	TC3 OPC UA, platform 60 (Mid Performance)
TF6100-0070	TC3 OPC UA, platform 70 (High Performance)
TF6100-0080	TC3 OPC UA, platform 80 (Very High Performance)
TF6100-0081	TC3 OPC UA, platform 81 (Many-core 5...8 cores)
TF6100-0082	TC3 OPC UA, platform 82 (Many-core 9...16 cores)
TF6100-0083	TC3 OPC UA, platform 83 (Many-core 17...32 cores)
TF6100-0084	TC3 OPC UA, platform 84 (Many-core 33...64 cores)
TF6100-0090	TC3 OPC UA, platform 90 (Other)
TF6100-0091	TC3 OPC UA, platform 91 (Other 5...8 cores)
TF6100-0092	TC3 OPC UA, platform 92 (Other 9...16 cores)
TF6100-0093	TC3 OPC UA, platform 93 (Other 17...32 cores)
TF6100-0094	TC3 OPC UA, platform 94 (Other 33...64 cores)

Related products	
TF6120	TC3 OPC DA