



i TF6020 | TC3 JSON Data Interface

The TC3 JSON Data Interface is an interface for the exchange of data in JSON format between the TwinCAT system and custom applications. The JSON format enables access with different programming languages to the ADS interface. It is possible to access all symbols of the runtime that are also available with the standard ADS interface.

Communication between the TwinCAT system and the custom applications can be realised in different ways. An integrated MQTT client in the TwinCAT system enables the communication with MQTT brokers. The MQTT broker is configured in the TwinCAT system and supports TLS encryption.

Technical data	TF6020
Required	TC1000
Target system	Windows 7/8/10, Windows CE

Ordering information	
TF6020-0v20	TC3 JSON Data Interface, platform 20 (Economy)
TF6020-0v30	TC3 JSON Data Interface, platform 30 (Economy Plus)
TF6020-0v40	TC3 JSON Data Interface, platform 40 (Performance)
TF6020-0v50	TC3 JSON Data Interface, platform 50 (Performance Plus)
TF6020-0v60	TC3 JSON Data Interface, platform 60 (Mid Performance)
TF6020-0v70	TC3 JSON Data Interface, platform 70 (High Performance)
TF6020-0v80	TC3 JSON Data Interface, platform 80 (Very High Performance)
TF6020-0v81	TC3 JSON Data Interface, platform 81 (Many-core 5...8 Cores)
TF6020-0v82	TC3 JSON Data Interface, platform 82 (Many-core 9...16 Cores)
TF6020-0v83	TC3 JSON Data Interface, platform 83 (Many-core 17...32 Cores)
TF6020-0v84	TC3 JSON Data Interface, platform 84 (Many-core 33...64 Cores)
TF6020-0v90	TC3 JSON Data Interface, platform 90 (Other)
TF6020-0v91	TC3 JSON Data Interface, platform 91 (Other 5...8 Cores)
TF6020-0v92	TC3 JSON Data Interface, platform 92 (Other 9...16 Cores)
TF6020-0v93	TC3 JSON Data Interface, platform 93 (Other 17...32 Cores)
TF6020-0v94	TC3 JSON Data Interface, platform 94 (Other 33...64 Cores)

i Product announcement	estimated market release 2nd quarter 2019
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