



TF5050 | TC3 NC Camming

TwinCAT NC Camming (cam plate) is a non-linear relationship between a master and a slave axis. The camming package offers various options for the storage of cam plates. Convenient PLC blocks enable the loading, coupling and uncoupling of cam plates. It is possible to load new cam plates or to modify cam plates during operation. The TwinCAT CAM Design Editor offers support for the creation of the cam plates.

- position tables with master interpolation points and corresponding slave positions; interpolation between the points is done linearly or by splines
- motion function table describing a cam plate via motion laws according to VDI guideline 2143
- cyclic or linear processing
- cam plate with offset and scale, can be modified on the master or slave side
- high flexibility through online change of the motion functions

Technical data	TF5050
Required	TC1250
Target system	Windows XP, Windows 7/8/10, Windows CE

Ordering information	
TF5050-0040	TC3 NC Camming, platform 40 (Performance)
TF5050-0050	TC3 NC Camming, platform 50 (Performance Plus)
TF5050-0060	TC3 NC Camming, platform 60 (Mid Performance)
TF5050-0070	TC3 NC Camming, platform 70 (High Performance)
TF5050-0080	TC3 NC Camming, platform 80 (Very High Performance)
TF5050-0081	TC3 NC Camming, platform 81 (Many-core 5...8 cores)
TF5050-0082	TC3 NC Camming, platform 82 (Many-core 9...16 cores)
TF5050-0083	TC3 NC Camming, platform 83 (Many-core 17...32 cores)
TF5050-0084	TC3 NC Camming, platform 84 (Many-core 33...64 cores)
TF5050-0090	TC3 NC Camming, platform 90 (Other)
TF5050-0091	TC3 NC Camming, platform 91 (Other 5...8 cores)
TF5050-0092	TC3 NC Camming, platform 92 (Other 9...16 cores)
TF5050-0093	TC3 NC Camming, platform 93 (Other 17...32 cores)
TF5050-0094	TC3 NC Camming, platform 94 (Other 33...64 cores)